

The rms current value of this charging current is made higher and can approach the drive rms overload limit by increasing the carrier frequency (the number of device switchings per second). Shielded motor cable has higher capacitance line-to-line and line-to-ground than wires in a conduit and can increase the charging current magnitude. Capacitively coupled currents can also exist between the output wires of different drives that are routed in the same conduit. To help prevent additional drive-to-drive capacitive currents resulting from tightly bundled output wires in a conduit, we recommend that no more than three drive output wires be routed in the same conduit.

General methods to mitigate this effect are reducing carrier frequency to 2 kHz, reducing cable lengths to manufacturer recommended values, and using 240V drives when possible. Over-sizing the drive Hp for a smaller motor Hp load is also effective to be sure that cable charging limits are not met. Some drive manufacturers have recommended maximum allowable cable distances for various drive and motor Hp combinations in the <2 Hp applications to mitigate the cable charge effect at the installation planning stage. Another mitigation technique is to add a 3-phase inductor on the drive output to reduce the cable charge current magnitude.

## How to Read the Motor Cable Length Restrictions Tables

The motor cable length restriction tables are divided into a maximum of eight columns (depending on the drive being used) going across the top. See [Table 17](#) for a description of each column.

**Table 17 - Motor Cable Length Restrictions Table Definitions**

| Column Heading | Description   |
|----------------|---|
| Drive          | This column is the frame size of the drive. Use the frame size in combination with the rating column to identify the drive.   |
| Rating         | This column is the rating of the drive. Use the rating in combination with the drive column to identify the drive.<br>The Hp column refers to the Hp rating of the drive.<br>The kW column refers to the kW of the drive.<br>The kHz column refers to the carrier frequency of the drive. The carrier frequency can be changed via a parameter in the drive. A higher carrier frequency is typically associated with a lower motor lead length.   |
| No Solution    | Data in this column is for drives with only a wire between the drive and the motor. The column is divided into four subcolumns: 1000V, 1200V, 1488V, and 1600V. These voltages refer to the insulation rating on the windings in the selected motor. The insulation rating of the windings of the motor come from the motor manufacturer.<br>Typically, an inverter-rated motor is 1488V, a newer non-inverter rated motor is 1200V, while an older non-inverter rated motor is 1000V.  |
| Reactor Only   | Data under this column is for drives with a reactor between the drive and the motor. In many cases, the motor lead length can be extended by adding a load reactor between the drive and the motor. The column is divided into four subcolumns: 1000V, 1200V, 1488V, and 1600V. These voltages refer to the insulation rating on the windings in the selected motor. The insulation rating of the windings of the motor come from the motor manufacturer.<br>Typically, an inverter-rated motor is 1488V, a newer non-inverter rated motor is 1200V, while an older non-inverter rated motor is 1000V. If you have an inverter duty-rated motor, to verify that the motor has 1488V winding insulation, ask the motor manufacturer if the motor meets NEMA spec MG1par 31 1992. |

**Table 17 - Motor Cable Length Restrictions Table Definitions (continued)**

| Column Heading                           | Description  |
|--|--|
| Reactor and Damping Resistor or 1321-RWR | In cases where longer motor lead lengths are required, a load reactor in parallel with a damping resistor can be used to extend the motor lead length. The column is divided into four subcolumns: 1000V, 1200V, 1488V, and 1600V. Additionally, PowerFlex 753/755 Wall Mount Drives, PowerFlex 755 Floor Mount Drives, and PowerFlex 755T drives have a 1350V column for the 400V and 480V tables and a 2150V column for the 600V and 690V tables. These voltages refer to the insulation rating on the windings in the selected motor. The insulation rating of the windings of the motor come from the motor manufacturer. Typically, an inverter-rated motor is 1488V, a newer non-inverter rated motor is 1200V, while an older non-inverter rated motor is 1000V.  |
| Reactor/RWR                              | This column gives the catalog number of the reactor based on the data from the 'Reactor and Damping Resistor or 1321-RWR' column.  |
| Resistor                                 | In many cases, this column is blank. No data is given if a 1321-RWR offering is available. In some cases, the 1321-RWR device does not exist. In these cases, a resistor size is recommended here. The ohms and watts of this resistor are given in the two subcolumns, 'Ohms' and 'Watts'.  |
| Available Options                        | This column refers to options that can be used to extend motor lead length. The four sub columns are TFA1, TFB2, RWR2, and RWC. <ul style="list-style-type: none"> <li>TFA1 and TFB2 refer to the motor terminators 1204-TFA1 and 1204-TFB2. See 1204 Terminator Instructions, publication <a href="#">1204-5.0</a>, for data on the motor lead length associated with these products</li> <li>RWR2 refers to the DVDT filter 1204-RWR2-09-B or 1204-RWR2-09-C. See 1204 Reflected Wave Reduction Device Instructions, publication <a href="#">1204-5.1</a> for data on the motor lead length associated with this product.</li> <li>RWC refers to the DVDT filter 1204-RWC-17-A. See 1204 Reflected Wave Reduction Device with Common Mode Choke Installation Instructions, publication <a href="#">1204-IN001A-EN-P</a> for data on the motor lead length associated with this product.</li> </ul> |

**Example Use Case**

- PowerFlex 753 and 755 wall mount drive
- 400 volt
- Frame 3
- Rating of 15 kW
- Carrier frequency (parameter 38) in the drive at 2 kHz
- Inverter duty-rated motor at 1488V insulation rating on the windings of the motor
- The motor lead length that can be used is 365.8 meters (1200 feet)

**Example PowerFlex 753 and 755 Wall Mount Drives 400V Shielded/Unshielded Cable – Meters (Feet)**

| Drive | Rating |    | No Solution |             |              |              | Reactor Only |              |              |              | Reactor and Damping Resistor or 1321-RWR |              |              |              | Reactor/RWR (see <a href="#">page 163</a> ) | Resistor |      | Available Options |      |      |      |     |  |
|-------|--------|----|-------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--|--------------|--------------|--------------|---|----------|------|-------------------|------|------|------|-----|--|
|       | Frame  | kW | kHz         | 1000V       | 1200V        | 1488V        | 1600V        | 1000V        | 1200V        | 1488V        | 1600V                                    | 1000V        | 1200V        | 1488V        | 1600V                                       | Cat. No. | Ohms | Watts             | TFA1 | TFB2 | RWR2 | RWC |  |
| 3     | 15     | 2  | 7.6 (25)    | 137.2 (450) | 365.8 (1200) | 365.8 (1200) | 91.4 (300)   | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR35-DP                               |          |      |                   |      |      |      |     |  |
|       |        |    | 4           | 7.6 (25)    | 91.4 (300)   | 152.4 (500)  | 213.4 (700)  | 18.3 (60)    | 91.4 (300)   | 365.8 (1200) | 365.8 (1200)                             | 182.9 (600)  | 304.8 (1000) | 365.8 (1200) | 365.8 (1200)                                |          |      |                   |      |      |      |     |  |
|       | 18.5   | 2  | 7.6 (25)    | 137.2 (450) | 365.8 (1200) | 365.8 (1200) | 91.4 (300)   | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR35-DP                               |          |      |                   |      |      |      |     |  |
|       |        |    | 4           | 7.6 (25)    | 91.4 (300)   | 152.4 (500)  | 213.4 (700)  | 18.3 (60)    | 91.4 (300)   | 365.8 (1200) | 365.8 (1200)                             | 182.9 (600)  | 304.8 (1000) | 365.8 (1200) | 365.8 (1200)                                |          |      |                   |      |      |      |     |  |

## PowerFlex 4 Drives

This section lists motor cable length restrictions, reactors, and available options for PowerFlex 4 Drives.

**Table 18 - PowerFlex 4 Drives, 400V Shielded/Unshielded Cable – Meters (Feet)**

| Rating |     | No Solution |             |             |             | Reactor Only |             |             |             | Reactor and Damping Resistor or 1321-RWR |             |             |             | Reactor/RWR (see page 163) | Resistor |       | Available Options |      |      |     |
|--------|-----|-------------|-------------|-------------|-------------|--------------|-------------|-------------|-------------|--|-------------|-------------|-------------|----------------------------|----------|-------|-------------------|------|------|-----|
| kW     | kHz | 1000V       | 1200V       | 1488V       | 1600V       | 1000V        | 1200V       | 1488V       | 1600V       | 1000V                                    | 1200V       | 1488V       | 1600V       | Cat. No.                   | Ohms     | Watts | TFA1              | TFB2 | RWR2 | RWC |
| 0.4    | 2/4 | 7.6 (25)    | 53.3 (175)  | 53.3 (175)  | 53.3 (175)  | 91.4 (300)   | 121.9 (400) | 121.9 (400) | 121.9 (400) | 121.9 (400)                              | 121.9 (400) | 121.9 (400) | 121.9 (400) |                            |          |       | •                 |      | •    | •   |
| 0.75   | 2/4 | 7.6 (25)    | 83.8 (275)  | 83.8 (275)  | 83.8 (275)  | 91.4 (300)   | 152.4 (500) | 152.4 (500) | 152.4 (500) | 152.4 (500)                              | 152.4 (500) | 152.4 (500) | 152.4 (500) |                            |          |       | •                 |      | •    | •   |
| 1.5    | 2/4 | 7.6 (25)    | 83.8 (275)  | 83.8 (275)  | 83.8 (275)  | 91.4 (300)   | 152.4 (500) | 152.4 (500) | 152.4 (500) | 152.4 (500)                              | 152.4 (500) | 152.4 (500) | 152.4 (500) |                            |          |       | •                 | •    | •    | •   |
| 2.2    | 2/4 | 7.6 (25)    | 137.2 (450) | 182.9 (600) | 182.9 (600) | 91.4 (300)   | 182.9 (600) | 182.9 (600) | 182.9 (600) | 182.9 (600)                              | 182.9 (600) | 182.9 (600) | 182.9 (600) | 1321-RWR8-DP               |          |       | •                 | •    | •    | •   |
| 3.7    | 2/4 | 7.6 (25)    | 137.2 (450) | 243.8 (800) | 243.8 (800) | 91.4 (300)   | 243.8 (800) | 243.8 (800) | 243.8 (800) | 243.8 (800)                              | 243.8 (800) | 243.8 (800) | 243.8 (800) | 1321-RWR12-DP              |          |       | •                 | •    | •    | •   |

**Table 19 - PowerFlex 4 Drives, 480V Shielded/Unshielded Cable – Meters (Feet)**

| Rating |     | No Solution |           |             |             | Reactor Only |            |             |             | Reactor and Damping Resistor or 1321-RWR |             |             |             | Reactor/RWR (see page 163) | Resistor |       | Available Options |      |      |     |
|--------|-----|-------------|-----------|-------------|-------------|--------------|------------|-------------|-------------|--|-------------|-------------|-------------|----------------------------|----------|-------|-------------------|------|------|-----|
| Hp     | kHz | 1000V       | 1200V     | 1488V       | 1600V       | 1000V        | 1200V      | 1488V       | 1600V       | 1000V                                    | 1200V       | 1488V       | 1600V       | Cat. No.                   | Ohms     | Watts | TFA1              | TFB2 | RWR2 | RWC |
| 0.5    | 2/4 | 7.6 (25)    | 12.2 (40) | 53.3 (175)  | 53.3 (175)  | 7.6 (25)     | 91.4 (300) | 121.9 (400) | 121.9 (400) | 121.9 (400)                              | 121.9 (400) | 121.9 (400) | 121.9 (400) |                            |          |       | •                 |      | •    | •   |
| 1      | 2/4 | 7.6 (25)    | 12.2 (40) | 83.8 (275)  | 83.8 (275)  | 7.6 (25)     | 91.4 (300) | 152.4 (500) | 152.4 (500) | 152.4 (500)                              | 152.4 (500) | 152.4 (500) | 152.4 (500) |                            |          |       | •                 |      | •    | •   |
| 2      | 2/4 | 7.6 (25)    | 12.2 (40) | 83.8 (275)  | 83.8 (275)  | 7.6 (25)     | 91.4 (300) | 182.9 (600) | 182.9 (600) | 182.9 (600)                              | 182.9 (600) | 182.9 (600) | 182.9 (600) |                            |          |       | •                 | •    | •    | •   |
| 3      | 2/4 | 7.6 (25)    | 12.2 (40) | 129.5 (425) | 129.5 (425) | 7.6 (25)     | 91.4 (300) | 182.9 (600) | 182.9 (600) | 182.9 (600)                              | 182.9 (600) | 182.9 (600) | 182.9 (600) | 1321-RWR8-DP               |          |       | •                 | •    | •    | •   |
| 5      | 2/4 | 7.6 (25)    | 12.2 (40) | 137.2 (450) | 182.9 (600) | 7.6 (25)     | 91.4 (300) | 243.8 (800) | 243.8 (800) | 182.9 (600)                              | 243.8 (800) | 243.8 (800) | 243.8 (800) | 1321-RWR12-DP              |          |       | •                 | •    | •    | •   |

## PowerFlex 4M Drives

This section lists motor cable length restrictions, reactors, and available options for PowerFlex 4M Drives.

**Table 20 - PowerFlex 4M Drives, 400V Shielded/Unshielded Cable – Meters (Feet)**

| Rating |     | No Solution |             |              |              | Reactor Only |              |              |              | Reactor and Damping Resistor or 1321-RWR |              |              |              | Reactor/RWR (see page 163) | Resistor |       | Available Options |      |      |     |   |
|--------|-----|-------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--|--------------|--------------|--------------|----------------------------|----------|-------|-------------------|------|------|-----|---|
| kW     | kHz | 1000V       | 1200V       | 1488V        | 1600V        | 1000V        | 1200V        | 1488V        | 1600V        | 1000V                                    | 1200V        | 1488V        | 1600V        | Cat. No.                   | Ohms     | Watts | TFAT              | TFB2 | RWR2 | RWC |   |
| 0.4    | 2/4 | 7.6 (25)    | 53.3 (175)  | 53.3 (175)   | 53.3 (175)   | 91.4 (300)   | 121.9 (400)  | 121.9 (400)  | 121.9 (400)  | 121.9 (400)                              | 121.9 (400)  | 121.9 (400)  | 121.9 (400)  |                            |          |       | •                 |      | •    | •   |   |
| 0.75   | 2/4 | 7.6 (25)    | 83.8 (275)  | 83.8 (275)   | 83.8 (275)   | 91.4 (300)   | 152.4 (500)  | 152.4 (500)  | 152.4 (500)  | 152.4 (500)                              | 152.4 (500)  | 152.4 (500)  | 152.4 (500)  |                            |          |       | •                 |      | •    | •   |   |
| 1.5    | 2/4 | 7.6 (25)    | 83.8 (275)  | 83.8 (275)   | 83.8 (275)   | 91.4 (300)   | 152.4 (500)  | 152.4 (500)  | 152.4 (500)  | 152.4 (500)                              | 152.4 (500)  | 152.4 (500)  | 152.4 (500)  |                            |          |       | •                 | •    | •    | •   |   |
| 2.2    | 2/4 | 7.6 (25)    | 137.2 (450) | 182.9 (600)  | 182.9 (600)  | 91.4 (300)   | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 1321-RWR8-DP               |          |       |                   | •    | •    | •   | • |
| 3.7    | 2/4 | 7.6 (25)    | 137.2 (450) | 243.8 (800)  | 243.8 (800)  | 91.4 (300)   | 243.8 (800)  | 243.8 (800)  | 243.8 (800)  | 243.8 (800)                              | 243.8 (800)  | 243.8 (800)  | 243.8 (800)  | 1321-RWR12-DP              |          |       |                   | •    | •    | •   | • |
| 5.5    | 2/4 | 7.6 (25)    | 137.2 (450) | 304.8 (1000) | 304.8 (1000) | 91.4 (300)   | 304.8 (1000) | 304.8 (1000) | 304.8 (1000) | 304.8 (1000)                             | 304.8 (1000) | 304.8 (1000) | 304.8 (1000) | 1321-RWR12-DP              |          |       |                   |      | •    |     | • |
| 7.5    | 2/4 | 7.6 (25)    | 137.2 (450) | 365.8 (1200) | 365.8 (1200) | 91.4 (300)   | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR18-DP              |          |       |                   |      | •    |     | • |
| 11     | 2/4 | 7.6 (25)    | 137.2 (450) | 365.8 (1200) | 365.8 (1200) | 91.4 (300)   | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR25-DP              |          |       |                   |      | •    |     |   |

**Table 21 - PowerFlex 4M Drives, 480V Shielded/Unshielded Cable – Meters (Feet)**

| Rating |     | No Solution |           |             |             | Reactor Only |            |              |              | Reactor and Damping Resistor or 1321-RWR |              |              |              | Reactor/RWR (see page 163) | Resistor |       | Available Options |      |      |     |   |
|--------|-----|-------------|-----------|-------------|-------------|--------------|------------|--------------|--------------|--|--------------|--------------|--------------|----------------------------|----------|-------|-------------------|------|------|-----|---|
| Hp     | kHz | 1000V       | 1200V     | 1488V       | 1600V       | 1000V        | 1200V      | 1488V        | 1600V        | 1000V                                    | 1200V        | 1488V        | 1600V        | Cat. No.                   | Ohms     | Watts | TFAT              | TFB2 | RWR2 | RWC |   |
| 0.5    | 2/4 | 7.6 (25)    | 12.2 (40) | 53.3 (175)  | 53.3 (175)  | 7.6 (25)     | 91.4 (300) | 121.9 (400)  | 121.9 (400)  | 121.9 (400)                              | 121.9 (400)  | 121.9 (400)  | 121.9 (400)  |                            |          |       | •                 |      | •    | •   |   |
| 1      | 2/4 | 7.6 (25)    | 12.2 (40) | 83.8 (275)  | 83.8 (275)  | 7.6 (25)     | 91.4 (300) | 152.4 (500)  | 152.4 (500)  | 152.4 (500)                              | 152.4 (500)  | 152.4 (500)  | 152.4 (500)  |                            |          |       | •                 |      | •    | •   |   |
| 2      | 2/4 | 7.6 (25)    | 12.2 (40) | 83.8 (275)  | 83.8 (275)  | 7.6 (25)     | 91.4 (300) | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  |                            |          |       | •                 | •    | •    | •   |   |
| 3      | 2/4 | 7.6 (25)    | 12.2 (40) | 129.5 (425) | 129.5 (425) | 7.6 (25)     | 91.4 (300) | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 1321-RWR8-DP               |          |       |                   | •    | •    | •   | • |
| 5      | 2/4 | 7.6 (25)    | 12.2 (40) | 137.2 (450) | 182.9 (600) | 7.6 (25)     | 91.4 (300) | 243.8 (800)  | 243.8 (800)  | 182.9 (600)                              | 243.8 (800)  | 243.8 (800)  | 243.8 (800)  | 1321-RWR12-DP              |          |       |                   | •    | •    | •   | • |
| 7.5    | 2/4 | 7.6 (25)    | 12.2 (40) | 137.2 (450) | 182.9 (600) | 7.6 (25)     | 91.4 (300) | 304.8 (1000) | 304.8 (1000) | 182.9 (600)                              | 304.8 (1000) | 304.8 (1000) | 304.8 (1000) | 1321-RWR12-DP              |          |       |                   |      | •    |     | • |
| 10     | 2/4 | 7.6 (25)    | 12.2 (40) | 137.2 (450) | 182.9 (600) | 7.6 (25)     | 91.4 (300) | 365.8 (1200) | 365.8 (1200) | 182.9 (600)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR18-DP              |          |       |                   |      | •    |     | • |
| 15     | 2/4 | 7.6 (25)    | 12.2 (40) | 137.2 (450) | 182.9 (600) | 7.6 (25)     | 91.4 (300) | 365.8 (1200) | 365.8 (1200) | 182.9 (600)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR25-DP              |          |       |                   |      | •    |     |   |

## PowerFlex 40 Drives

This section lists motor cable length restrictions, reactors, and available options for PowerFlex 40 Drives.

**Table 22 - PowerFlex 40 Drives, 400V Shielded/Unshielded Cable – Meters (Feet)**

| Rating |     | No Solution |             |              |              | Reactor Only |              |              |              | Reactor and Damping Resistor or 1321-RWR |              |              |              | Reactor/RWR (see page 163) | Resistor |       | Available Options |      |      |     |
|--------|-----|-------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--|--------------|--------------|--------------|----------------------------|----------|-------|-------------------|------|------|-----|
| kW     | kHz | 1000V       | 1200V       | 1488V        | 1600V        | 1000V        | 1200V        | 1488V        | 1600V        | 1000V                                    | 1200V        | 1488V        | 1600V        | Cat. No.                   | Ohms     | Watts | TFA1              | TFB2 | RWR2 | RWC |
| 0.4    | 2/4 | 7.6 (25)    | 53.3 (175)  | 53.3 (175)   | 53.3 (175)   | 91.4 (300)   | 121.9 (400)  | 121.9 (400)  | 121.9 (400)  | 121.9 (400)                              | 121.9 (400)  | 121.9 (400)  | 121.9 (400)  |                            |          |       | •                 |      | •    | •   |
| 0.75   | 2/4 | 7.6 (25)    | 83.8 (275)  | 83.8 (275)   | 83.8 (275)   | 91.4 (300)   | 152.4 (500)  | 152.4 (500)  | 152.4 (500)  | 152.4 (500)                              | 152.4 (500)  | 152.4 (500)  | 152.4 (500)  |                            |          |       | •                 |      | •    | •   |
| 1.5    | 2/4 | 7.6 (25)    | 83.8 (275)  | 83.8 (275)   | 83.8 (275)   | 91.4 (300)   | 152.4 (500)  | 152.4 (500)  | 152.4 (500)  | 152.4 (500)                              | 152.4 (500)  | 152.4 (500)  | 152.4 (500)  |                            |          |       | •                 | •    | •    | •   |
| 2.2    | 2/4 | 7.6 (25)    | 137.2 (450) | 182.9 (600)  | 182.9 (600)  | 91.4 (300)   | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 1321-RWR8-DP               |          |       | •                 | •    | •    | •   |
| 4      | 2/4 | 7.6 (25)    | 137.2 (450) | 243.8 (800)  | 243.8 (800)  | 91.4 (300)   | 243.8 (800)  | 243.8 (800)  | 243.8 (800)  | 243.8 (800)                              | 243.8 (800)  | 243.8 (800)  | 243.8 (800)  | 1321-RWR12-DP              |          |       | •                 | •    |      | •   |
| 5.5    | 2/4 | 7.6 (25)    | 137.2 (450) | 304.8 (1000) | 304.8 (1000) | 91.4 (300)   | 304.8 (1000) | 304.8 (1000) | 304.8 (1000) | 304.8 (1000)                             | 304.8 (1000) | 304.8 (1000) | 304.8 (1000) | 1321-RWR12-DP              |          |       |                   | •    |      | •   |
| 7.5    | 2/4 | 7.6 (25)    | 137.2 (450) | 365.8 (1200) | 365.8 (1200) | 91.4 (300)   | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR18-DP              |          |       |                   | •    |      | •   |
| 11     | 2/4 | 7.6 (25)    | 137.2 (450) | 365.8 (1200) | 365.8 (1200) | 91.4 (300)   | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR25-DP              |          |       |                   | •    |      |     |

**Table 23 - PowerFlex 40 Drives, 480V Shielded/Unshielded Cable – Meters (Feet)**

| Rating |     | No Solution |           |             |             | Reactor Only |            |              |              | Reactor and Damping Resistor or 1321-RWR |              |              |              | Reactor/RWR (see page 163) | Resistor |       | Available Options |      |      |     |
|--------|-----|-------------|-----------|-------------|-------------|--------------|------------|--------------|--------------|--|--------------|--------------|--------------|----------------------------|----------|-------|-------------------|------|------|-----|
| Hp     | kHz | 1000V       | 1200V     | 1488V       | 1600V       | 1000V        | 1200V      | 1488V        | 1600V        | 1000V                                    | 1200V        | 1488V        | 1600V        | Cat. No.                   | Ohms     | Watts | TFA1              | TFB2 | RWR2 | RWC |
| 0.5    | 2/4 | 7.6 (25)    | 12.2 (40) | 53.3 (175)  | 53.3 (175)  | 7.6 (25)     | 91.4 (300) | 121.9 (400)  | 121.9 (400)  | 121.9 (400)                              | 121.9 (400)  | 121.9 (400)  | 121.9 (400)  |                            |          |       | •                 |      | •    | •   |
| 1      | 2/4 | 7.6 (25)    | 12.2 (40) | 83.8 (275)  | 83.8 (275)  | 7.6 (25)     | 91.4 (300) | 152.4 (500)  | 152.4 (500)  | 152.4 (500)                              | 152.4 (500)  | 152.4 (500)  | 152.4 (500)  |                            |          |       | •                 |      | •    | •   |
| 2      | 2/4 | 7.6 (25)    | 12.2 (40) | 83.8 (275)  | 83.8 (275)  | 7.6 (25)     | 91.4 (300) | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  |                            |          |       | •                 | •    | •    | •   |
| 3      | 2/4 | 7.6 (25)    | 12.2 (40) | 129.5 (425) | 129.5 (425) | 7.6 (25)     | 91.4 (300) | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 1321-RWR8-DP               |          |       | •                 | •    | •    | •   |
| 5      | 2/4 | 7.6 (25)    | 12.2 (40) | 137.2 (450) | 182.9 (600) | 7.6 (25)     | 91.4 (300) | 243.8 (800)  | 243.8 (800)  | 243.8 (800)                              | 243.8 (800)  | 243.8 (800)  | 243.8 (800)  | 1321-RWR12-DP              |          |       | •                 | •    |      | •   |
| 7.5    | 2/4 | 7.6 (25)    | 12.2 (40) | 137.2 (450) | 182.9 (600) | 7.6 (25)     | 91.4 (300) | 304.8 (1000) | 304.8 (1000) | 182.9 (600)                              | 304.8 (1000) | 304.8 (1000) | 304.8 (1000) | 1321-RWR12-DP              |          |       |                   | •    |      | •   |
| 10     | 2/4 | 7.6 (25)    | 12.2 (40) | 137.2 (450) | 182.9 (600) | 7.6 (25)     | 91.4 (300) | 365.8 (1200) | 365.8 (1200) | 182.9 (600)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR18-DP              |          |       |                   | •    |      | •   |
| 15     | 2/4 | 7.6 (25)    | 12.2 (40) | 137.2 (450) | 182.9 (600) | 7.6 (25)     | 91.4 (300) | 365.8 (1200) | 365.8 (1200) | 182.9 (600)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR25-DP              |          |       |                   | •    |      |     |

**Table 24 - PowerFlex 40 Drives, 600V Shielded/Unshielded Cable – Meters (Feet)**

| Rating |     | No Solution   |                | Reactor Only   |                 | Reactor and Damping Resistor or 1321-RWR |                 | Reactor/RWR (see <a href="#">page 163</a> ) | Resistor |       | Available Options |      |      |     |
|--------|-----|---------------|----------------|----------------|-----------------|--|-----------------|---|----------|-------|-------------------|------|------|-----|
| Hp     | kHz | 1488V         | 1850V          | 1488V          | 1600V           | 1488V                                    | 1600V           | Cat. No.                                    | Ohms     | Watts | TPA1              | TFB2 | RWR2 | RWC |
| 1      | 2/4 | 42.7<br>(140) | 121.9<br>(400) | 121.9<br>(400) | 121.9<br>(400)  | 121.9<br>(400)                           | 121.9<br>(400)  |   |          |       | •                 |      | •    | •   |
| 2      | 2/4 | 42.7<br>(140) | 152.4<br>(500) | 152.4<br>(500) | 152.4<br>(500)  | 152.4<br>(500)                           | 152.4<br>(500)  |   |          |       | •                 |      | •    | •   |
| 3      | 2/4 | 42.7<br>(140) | 152.4<br>(500) | 152.4<br>(500) | 152.4<br>(500)  | 182.9<br>(600)                           | 182.9<br>(600)  |   |          |       | •                 |      | •    | •   |
| 5      | 2/4 | 42.7<br>(140) | 152.4<br>(500) | 152.4<br>(500) | 243.8<br>(800)  | 243.8<br>(800)                           | 243.8<br>(800)  | 1321-RWR8-DP                                |          |       | •                 | •    | •    | •   |
| 7.5    | 2/4 | 42.7<br>(140) | 182.9<br>(600) | 152.4<br>(500) | 304.8<br>(1000) | 304.8<br>(1000)                          | 304.8<br>(1000) | 1321-RWR12-DP                               |          |       |                   | •    |      | •   |
| 10     | 2/4 | 42.7<br>(140) | 182.9<br>(600) | 152.4<br>(500) | 365.8<br>(1200) | 365.8<br>(1200)                          | 365.8<br>(1200) | 1321-RWR18-DP                               |          |       |                   | •    |      | •   |
| 15     | 2/4 | 42.7<br>(140) | 182.9<br>(600) | 152.4<br>(500) | 365.8<br>(1200) | 365.8<br>(1200)                          | 365.8<br>(1200) | 1321-RWR25-DP                               |          |       |                   | •    |      |     |

# PowerFlex 400 Drives

This section lists motor cable length restrictions, reactors, and available options for PowerFlex 400 Drives.

**Table 25 - PowerFlex 400 Drives, 400V Shielded/Unshielded Cable – Meters (Feet)**

| Rating |      | No Solution |             |             |              | Reactor Only |             |              |              | Reactor and Damping Resistor or 1321-RWR |              |              |              | Reactor/RWR (see page 163) | Resistor |       | Available Options |     |      |     |
|--------|------|-------------|-------------|-------------|--------------|--------------|-------------|--------------|--------------|--|--------------|--------------|--------------|----------------------------|----------|-------|-------------------|-----|------|-----|
| kW     | kHz  | 1000V       | 1200V       | 1488V       | 1600V        | 1000V        | 1200V       | 1488V        | 1600V        | 1000V                                    | 1200V        | 1488V        | 1600V        | Cat. No.                   | Ohms     | Watts | TF1               | TF2 | RWR2 | RWC |
| 2.2    | 2, 4 | 7.6 (25)    | 106.7 (350) | 182.9 (600) | 182.9 (600)  | 91.4 (300)   | 182.9 (600) | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 1321-RWR8-DP               |          |       | •                 | •   | •    | •   |
| 4      | 2, 4 | 7.6 (25)    | 106.7 (350) | 243.8 (800) | 243.8 (800)  | 91.4 (300)   | 243.8 (800) | 243.8 (800)  | 243.8 (800)  | 243.8 (800)                              | 243.8 (800)  | 243.8 (800)  | 243.8 (800)  | 1321-RWR12-DP              |          |       | •                 | •   |      | •   |
| 5.5    | 2, 4 | 7.6 (25)    | 106.7 (350) | 274.3 (900) | 304.8 (1000) | 91.4 (300)   | 274.3 (900) | 304.8 (1000) | 304.8 (1000) | 304.8 (1000)                             | 304.8 (1000) | 304.8 (1000) | 304.8 (1000) | 1321-RWR12-DP              |          |       |                   | •   |      | •   |
| 7.5    | 2, 4 | 7.6 (25)    | 106.7 (350) | 274.3 (900) | 365.8 (1200) | 91.4 (300)   | 274.3 (900) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR18-DP              |          |       |                   | •   |      | •   |
| 11     | 2, 4 | 7.6 (25)    | 106.7 (350) | 274.3 (900) | 365.8 (1200) | 76.2 (250)   | 274.3 (900) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR25-DP              |          |       |                   | •   |      |     |
| 15     | 2, 4 | 7.6 (25)    | 106.7 (350) | 274.3 (900) | 365.8 (1200) | 76.2 (250)   | 274.3 (900) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR35-DP              |          |       |                   | •   |      |     |
| 18.5   | 2, 4 | 7.6 (25)    | 106.7 (350) | 274.3 (900) | 365.8 (1200) | 76.2 (250)   | 243.8 (800) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR45-DP              |          |       |                   | •   |      |     |
| 22     | 2, 4 | 7.6 (25)    | 106.7 (350) | 274.3 (900) | 365.8 (1200) | 76.2 (250)   | 213.4 (700) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR45-DP              |          |       |                   | •   |      |     |
| 30     | 2, 4 | 7.6 (25)    | 106.7 (350) | 274.3 (900) | 365.8 (1200) | 76.2 (250)   | 213.4 (700) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR55-DP              |          |       |                   | •   |      |     |
| 37     | 2, 4 | 12.2 (40)   | 106.7 (350) | 274.3 (900) | 365.8 (1200) | 76.2 (250)   | 182.9 (600) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR80-DP              |          |       |                   | •   |      |     |
| 45     | 2, 4 | 12.2 (40)   | 106.7 (350) | 274.3 (900) | 365.8 (1200) | 61.0 (200)   | 182.9 (600) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR100-DP             |          |       |                   | •   |      |     |
| 55     | 2, 4 | 12.2 (40)   | 106.7 (350) | 213.4 (700) | 365.8 (1200) | 61.0 (200)   | 152.4 (500) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR100-DP             |          |       |                   | •   |      |     |
| 75     | 2, 4 | 12.2 (40)   | 91.4 (300)  | 213.4 (700) | 365.8 (1200) | 61.0 (200)   | 152.4 (500) | 365.8 (1200) | 365.8 (1200) | 304.8 (1000)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR160-DP             |          |       |                   | •   |      |     |
| 90     | 2, 4 | 18.3 (60)   | 91.4 (300)  | 213.4 (700) | 304.8 (1000) | 61.0 (200)   | 152.4 (500) | 365.8 (1200) | 365.8 (1200) | 304.8 (1000)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR200-DP             |          |       |                   | •   |      |     |
| 110    | 2, 4 | 24.4 (80)   | 91.4 (300)  | 213.4 (700) | 274.3 (900)  | 61.0 (200)   | 152.4 (500) | 365.8 (1200) | 365.8 (1200) | 274.3 (900)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR200-DP             |          |       |                   | •   |      |     |
| 132    | 2, 4 | 24.4 (80)   | 91.4 (300)  | 182.9 (600) | 274.3 (900)  | 61.0 (200)   | 152.4 (500) | 365.8 (1200) | 365.8 (1200) | 243.8 (800)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR250-DP             |          |       |                   | •   |      |     |
| 160    | 2, 4 | 24.4 (80)   | 91.4 (300)  | 182.9 (600) | 274.3 (900)  | 45.7 (150)   | 121.9 (400) | 304.8 (1000) | 365.8 (1200) | 243.8 (800)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR320-DP             |          |       |                   | •   |      |     |
| 200    | 2, 4 | 24.4 (80)   | 91.4 (300)  | 167.6 (550) | 274.3 (900)  | 45.7 (150)   | 121.9 (400) | 304.8 (1000) | 365.8 (1200) | 243.8 (800)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-3RB400-B              | 20       | 495   |                   | •   |      |     |
| 250    | 2, 4 | 24.4 (80)   | 91.4 (300)  | 167.6 (550) | 274.3 (900)  | 45.7 (150)   | 121.9 (400) | 304.8 (1000) | 365.8 (1200) | 243.8 (800)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-3R500-B               | 20       | 495   |                   | •   |      |     |

**Table 26 - PowerFlex 400 Drives, 480V Shielded/Unshielded Cable – Meters (Feet)**

| Rating |      | No Solution |            |             |             | Reactor Only |            |              |              | Reactor and Damping Resistor or 1321-RWR |              |              |              | Reactor/RWR (see page 163) | Resistor |       | Available Options |      |      |     |
|--------|------|-------------|------------|-------------|-------------|--------------|------------|--------------|--------------|--|--------------|--------------|--------------|----------------------------|----------|-------|-------------------|------|------|-----|
| Hp     | kHz  | 1000V       | 1200V      | 1488V       | 1600V       | 1000V        | 1200V      | 1488V        | 1600V        | 1000V                                    | 1200V        | 1488V        | 1600V        | Cat. No.                   | Ohms     | Watts | TFA1              | TFB2 | RWR2 | RWC |
| 3      | 2, 4 | 7.6 (25)    | 12.2 (40)  | 121.9 (400) | 121.9 (400) | 12.2 (40)    | 91.4 (300) | 182.9 (600)  | 182.9 (600)  | 152.4 (500)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 1321-RWR8-DP               |          |       | •                 | •    | •    | •   |
| 5      | 2, 4 | 7.6 (25)    | 12.2 (40)  | 137.2 (450) | 182.9 (600) | 12.2 (40)    | 91.4 (300) | 243.8 (800)  | 243.8 (800)  | 152.4 (500)                              | 243.8 (800)  | 243.8 (800)  | 243.8 (800)  | 1321-RWR12-DP              |          |       | •                 | •    |      | •   |
| 7.5    | 2, 4 | 7.6 (25)    | 12.2 (40)  | 137.2 (450) | 182.9 (600) | 12.2 (40)    | 91.4 (300) | 304.8 (1000) | 304.8 (1000) | 152.4 (500)                              | 304.8 (1000) | 304.8 (1000) | 304.8 (1000) | 1321-RWR12-DP              |          |       |                   | •    |      | •   |
| 10     | 2, 4 | 7.6 (25)    | 12.2 (40)  | 137.2 (450) | 182.9 (600) | 12.2 (40)    | 91.4 (300) | 365.8 (1200) | 365.8 (1200) | 152.4 (500)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR18-DP              |          |       |                   | •    |      | •   |
| 15     | 2, 4 | 7.6 (25)    | 12.2 (40)  | 137.2 (450) | 182.9 (600) | 12.2 (40)    | 76.2 (250) | 365.8 (1200) | 365.8 (1200) | 152.4 (500)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR25-DP              |          |       |                   | •    |      |     |
| 20     | 2, 4 | 7.6 (25)    | 12.2 (40)  | 137.2 (450) | 182.9 (600) | 12.2 (40)    | 76.2 (250) | 365.8 (1200) | 365.8 (1200) | 152.4 (500)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR35-DP              |          |       |                   | •    |      |     |
| 25     | 2, 4 | 7.6 (25)    | 12.2 (40)  | 137.2 (450) | 182.9 (600) | 12.2 (40)    | 76.2 (250) | 365.8 (1200) | 365.8 (1200) | 152.4 (500)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR45-DP              |          |       |                   | •    |      |     |
| 30     | 2, 4 | 7.6 (25)    | 12.2 (40)  | 137.2 (450) | 182.9 (600) | 12.2 (40)    | 76.2 (250) | 365.8 (1200) | 365.8 (1200) | 152.4 (500)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR45-DP              |          |       |                   | •    |      |     |
| 40     | 2, 4 | 7.6 (25)    | 12.2 (40)  | 137.2 (450) | 182.9 (600) | 12.2 (40)    | 76.2 (250) | 365.8 (1200) | 365.8 (1200) | 121.9 (400)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR55-DP              |          |       |                   | •    |      |     |
| 50     | 2, 4 | 12.2 (40)   | 18.3 (60)  | 137.2 (450) | 182.9 (600) | 12.2 (40)    | 61.0 (200) | 304.8 (1000) | 365.8 (1200) | 121.9 (400)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR80-DP              |          |       |                   | •    |      |     |
| 60     | 2, 4 | 12.2 (40)   | 18.3 (60)  | 137.2 (450) | 182.9 (600) | 12.2 (40)    | 61.0 (200) | 304.8 (1000) | 365.8 (1200) | 91.4 (300)                               | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR100-DP             |          |       |                   | •    |      |     |
| 75     | 2, 4 | 12.2 (40)   | 18.3 (60)  | 137.2 (450) | 182.9 (600) | 12.2 (40)    | 61.0 (200) | 304.8 (1000) | 365.8 (1200) | 91.4 (300)                               | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR100-DP             |          |       |                   | •    |      |     |
| 100    | 2, 4 | 12.2 (40)   | 24.4 (80)  | 137.2 (450) | 167.6 (550) | 12.2 (40)    | 61.0 (200) | 243.8 (800)  | 365.8 (1200) | 91.4 (300)                               | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR160-DP             |          |       |                   | •    |      |     |
| 125    | 2, 4 | 12.2 (40)   | 24.4 (80)  | 137.2 (450) | 167.6 (550) | 12.2 (40)    | 61.0 (200) | 243.8 (800)  | 365.8 (1200) | 76.2 (250)                               | 304.8 (1000) | 365.8 (1200) | 365.8 (1200) | 1321-RWR200-DP             |          |       |                   | •    |      |     |
| 150    | 2, 4 | 12.2 (40)   | 24.4 (80)  | 137.2 (450) | 167.6 (550) | 12.2 (40)    | 61.0 (200) | 213.4 (700)  | 304.8 (1000) | 76.2 (250)                               | 304.8 (1000) | 365.8 (1200) | 365.8 (1200) | 1321-RWR200-DP             |          |       |                   | •    |      |     |
| 200    | 2, 4 | 12.2 (40)   | 30.5 (100) | 121.9 (400) | 152.4 (500) | 12.2 (40)    | 61.0 (200) | 152.4 (500)  | 243.8 (800)  | 61.0 (200)                               | 274.3 (900)  | 365.8 (1200) | 365.8 (1200) | 1321-RWR250-DP             |          |       |                   | •    |      |     |
| 250    | 2, 4 | 12.2 (40)   | 30.5 (100) | 121.9 (400) | 152.4 (500) | 12.2 (40)    | 45.7 (150) | 152.4 (500)  | 213.4 (700)  | 61.0 (200)                               | 274.3 (900)  | 365.8 (1200) | 365.8 (1200) | 1321-RWR320-DP             |          |       |                   | •    |      |     |
| 300    | 2, 4 | 12.2 (40)   | 30.5 (100) | 106.7 (350) | 137.2 (450) | 12.2 (40)    | 30.5 (100) | 121.9 (400)  | 152.4 (500)  | 61.0 (200)                               | 243.8 (800)  | 304.8 (1000) | 365.8 (1200) | 1321-3RB400-B              | 20       | 495   |                   | •    |      |     |
| 350    | 2, 4 | 12.2 (40)   | 30.5 (100) | 106.7 (350) | 137.2 (450) | 12.2 (40)    | 30.5 (100) | 121.9 (400)  | 152.4 (500)  | 61.0 (200)                               | 243.8 (800)  | 304.8 (1000) | 365.8 (1200) | 1321-3RS500-B              | 20       | 495   |                   | •    |      |     |

# PowerFlex 520-Series Drives

This section lists motor cable length restrictions, reactors, and available options for PowerFlex 520-Series Drives.

**Table 27 - PowerFlex 520-Series Drives, 400V Shielded/Unshielded Cable – Meters (Feet)**

| Drive |      |     | No Solution |            |             |              | Reactor Only |              |              |              | Reactor and Damping Resistor or 1321-RWR |              |              |              | Reactor/RWR (see page 163) | Resistor |       | Available Options |      |      |     |   |
|-------|------|-----|-------------|------------|-------------|--------------|--------------|--------------|--------------|--------------|--|--------------|--------------|--------------|----------------------------|----------|-------|-------------------|------|------|-----|---|
| Frame | Hp   | kHz | 1000V       | 1200V      | 1488V       | 1600V        | 1000V        | 1200V        | 1488V        | 1600V        | 1000V                                    | 1200V        | 1488V        | 1600V        | Cat. No.                   | Ohms     | Watts | TFAT              | TFB2 | RWR2 | RWC |   |
| A     | 0.4  | 2/4 | 7.6 (25)    | 35.1 (115) | 35.1 (115)  | 35.1 (115)   | 61.0 (200)   | 121.9 (400)  | 121.9 (400)  | 121.9 (400)  | 121.9 (400)                              | 121.9 (400)  | 121.9 (400)  | 121.9 (400)  |                            |          |       | •                 |      | •    |     |   |
|       | 0.75 | 2/4 | 7.6 (25)    | 35.1 (115) | 35.1 (115)  | 35.1 (115)   | 61.0 (200)   | 152.4 (500)  | 152.4 (500)  | 152.4 (500)  | 152.4 (500)                              | 152.4 (500)  | 152.4 (500)  | 152.4 (500)  |                            |          |       | •                 |      | •    |     |   |
|       | 1.5  | 2/4 | 7.6 (25)    | 83.8 (275) | 83.8 (275)  | 83.8 (275)   | 61.0 (200)   | 152.4 (500)  | 152.4 (500)  | 152.4 (500)  | 152.4 (500)                              | 152.4 (500)  | 152.4 (500)  | 152.4 (500)  |                            |          |       | •                 | •    | •    |     |   |
|       | 2.2  | 2/4 | 7.6 (25)    | 83.8 (275) | 83.8 (275)  | 83.8 (275)   | 61.0 (200)   | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 1321-RWR8-DP               |          |       |                   | •    | •    | •   |   |
| B     | 4    | 2/4 | 7.6 (25)    | 83.8 (275) | 83.8 (275)  | 83.8 (275)   | 61.0 (200)   | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 1321-RWR12-DP              |          |       |                   | •    | •    | •   |   |
| C     | 5.5  | 2   | 7.6 (25)    | 91.4 (300) | 182.9 (600) | 182.9 (600)  | 61.0 (200)   | 304.8 (1000) | 304.8 (1000) | 304.8 (1000) | 304.8 (1000)                             | 304.8 (1000) | 304.8 (1000) | 304.8 (1000) | 1321-RWR18-DP              |          |       |                   |      | •    | •   |   |
|       |      | 4   | 7.6 (25)    | 91.4 (300) | 182.9 (600) | 182.9 (600)  | 61.0 (200)   | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  |                            |          |       |                   |      |      |     | • |
|       | 7.5  | 2   | 7.6 (25)    | 91.4 (300) | 182.9 (600) | 182.9 (600)  | 61.0 (200)   | 304.8 (1000) | 304.8 (1000) | 304.8 (1000) | 304.8 (1000)                             | 304.8 (1000) | 304.8 (1000) | 304.8 (1000) | 1321-RWR18-DP              |          |       |                   |      | •    | •   |   |
|       |      | 4   | 7.6 (25)    | 91.4 (300) | 182.9 (600) | 182.9 (600)  | 61.0 (200)   | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  |                            |          |       |                   |      |      |     | • |
| D     | 11   | 2   | 7.6 (25)    | 91.4 (300) | 243.8 (800) | 365.8 (1200) | 61.0 (200)   | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR25-DP              |          |       |                   |      | •    |     |   |
|       |      | 4   | 7.6 (25)    | 91.4 (300) | 182.9 (600) | 182.9 (600)  | 61.0 (200)   | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  |                            |          |       |                   |      |      |     |   |
|       | 15   | 2   | 7.6 (25)    | 91.4 (300) | 243.8 (800) | 365.8 (1200) | 61.0 (200)   | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR35-DP              |          |       |                   |      | •    |     |   |
|       |      | 4   | 7.6 (25)    | 91.4 (300) | 182.9 (600) | 182.9 (600)  | 61.0 (200)   | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  |                            |          |       |                   |      |      |     |   |
| E     | 18.5 | 2   | 7.6 (25)    | 91.4 (300) | 243.8 (800) | 365.8 (1200) | 61.0 (200)   | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR45-DP              |          |       |                   |      | •    |     |   |
|       |      | 4   | 7.6 (25)    | 91.4 (300) | 182.9 (600) | 182.9 (600)  | 61.0 (200)   | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  |                            |          |       |                   |      |      |     |   |
|       | 22   | 2   | 7.6 (25)    | 91.4 (300) | 243.8 (800) | 365.8 (1200) | 61.0 (200)   | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR45-DP              |          |       |                   |      | •    |     |   |
|       |      | 4   | 7.6 (25)    | 91.4 (300) | 182.9 (600) | 182.9 (600)  | 61.0 (200)   | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  |                            |          |       |                   |      |      |     |   |

**Table 28 - PowerFlex 520-Series Drives, 480V Shielded/Unshielded Cable – Meters (Feet)**

| Drive |     |     | No Solution |           |            |             | Reactor Only |            |              |              | Reactor and Damping Resistor or 1321-RWR |              |              |              | Reactor/RWR (see page 163) | Resistor |       | Available Options |      |      |     |
|-------|-----|-----|-------------|-----------|------------|-------------|--------------|------------|--------------|--------------|--|--------------|--------------|--------------|----------------------------|----------|-------|-------------------|------|------|-----|
| Frame | Hp  | kHz | 1000V       | 1200V     | 1488V      | 1600V       | 1000V        | 1200V      | 1488V        | 1600V        | 1000V                                    | 1200V        | 1488V        | 1600V        | Cat. No.                   | Ohms     | Watts | TFA1              | TFB2 | RWR2 | RWC |
| A     | 0.5 | 2/4 | 7.6 (25)    | 12.2 (40) | 35.1 (115) | 35.1 (115)  | 7.6 (25)     | 61.0 (200) | 121.9 (400)  | 121.9 (400)  | 121.9 (400)                              | 121.9 (400)  | 121.9 (400)  | 121.9 (400)  |                            |          |       | •                 |      | •    |     |
|       | 1   | 2/4 | 7.6 (25)    | 12.2 (40) | 35.1 (115) | 35.1 (115)  | 7.6 (25)     | 61.0 (200) | 152.4 (500)  | 152.4 (500)  | 152.4 (500)                              | 152.4 (500)  | 152.4 (500)  | 152.4 (500)  |                            |          |       | •                 |      | •    |     |
|       | 2   | 2/4 | 7.6 (25)    | 12.2 (40) | 83.8 (275) | 83.8 (275)  | 7.6 (25)     | 61.0 (200) | 152.4 (500)  | 152.4 (500)  | 152.4 (500)                              | 152.4 (500)  | 152.4 (500)  | 152.4 (500)  |                            |          |       | •                 | •    | •    |     |
|       | 3   | 2/4 | 7.6 (25)    | 12.2 (40) | 83.8 (275) | 83.8 (275)  | 7.6 (25)     | 61.0 (200) | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 1321-RWR8-DP               |          |       |                   | •    | •    | •   |
| B     | 5   | 2/4 | 7.6 (25)    | 12.2 (40) | 83.8 (275) | 83.8 (275)  | 7.6 (25)     | 61.0 (200) | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 1321-RWR12-DP              |          |       |                   | •    | •    | •   |
| C     | 7.5 | 2   | 7.6 (25)    | 12.2 (40) | 91.4 (300) | 137.2 (450) | 7.6 (25)     | 91.4 (300) | 304.8 (1000) | 304.8 (1000) | 182.9 (600)                              | 304.8 (1000) | 304.8 (1000) | 304.8 (1000) | 1321-RWR18-DP              |          |       |                   | •    |      | •   |
|       |     | 4   | 7.6 (25)    | 12.2 (40) | 91.4 (300) | 137.2 (450) | 7.6 (25)     | 91.4 (300) | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  |                            |          |       |                   |      |      | •   |
|       | 10  | 2   | 7.6 (25)    | 12.2 (40) | 91.4 (300) | 137.2 (450) | 7.6 (25)     | 91.4 (300) | 304.8 (1000) | 304.8 (1000) | 182.9 (600)                              | 304.8 (1000) | 304.8 (1000) | 304.8 (1000) | 1321-RWR18-DP              |          |       |                   | •    |      | •   |
|       |     | 4   | 7.6 (25)    | 12.2 (40) | 91.4 (300) | 137.2 (450) | 7.6 (25)     | 91.4 (300) | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  |                            |          |       |                   |      |      | •   |
| D     | 15  | 2   | 7.6 (25)    | 12.2 (40) | 91.4 (300) | 137.2 (450) | 7.6 (25)     | 91.4 (300) | 365.8 (1200) | 365.8 (1200) | 182.9 (600)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR25-DP              |          |       |                   | •    |      |     |
|       |     | 4   | 7.6 (25)    | 12.2 (40) | 91.4 (300) | 137.2 (450) | 7.6 (25)     | 91.4 (300) | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  |                            |          |       |                   |      |      |     |
|       | 20  | 2   | 7.6 (25)    | 12.2 (40) | 91.4 (300) | 137.2 (450) | 7.6 (25)     | 91.4 (300) | 365.8 (1200) | 365.8 (1200) | 182.9 (600)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR35-DP              |          |       |                   | •    |      |     |
|       |     | 4   | 7.6 (25)    | 12.2 (40) | 91.4 (300) | 137.2 (450) | 7.6 (25)     | 91.4 (300) | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  |                            |          |       |                   |      |      |     |
| E     | 25  | 2   | 7.6 (25)    | 12.2 (40) | 91.4 (300) | 137.2 (450) | 7.6 (25)     | 91.4 (300) | 365.8 (1200) | 365.8 (1200) | 182.9 (600)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR45-DP              |          |       |                   | •    |      |     |
|       |     | 4   | 7.6 (25)    | 12.2 (40) | 91.4 (300) | 137.2 (450) | 7.6 (25)     | 91.4 (300) | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  |                            |          |       |                   |      |      |     |
|       | 30  | 2   | 7.6 (25)    | 12.2 (40) | 91.4 (300) | 137.2 (450) | 7.6 (25)     | 91.4 (300) | 365.8 (1200) | 365.8 (1200) | 182.9 (600)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR45-DP              |          |       |                   | •    |      |     |
|       |     | 4   | 7.6 (25)    | 12.2 (40) | 91.4 (300) | 137.2 (450) | 7.6 (25)     | 91.4 (300) | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  |                            |          |       |                   |      |      |     |

**Table 29 - PowerFlex 520-Series Drives, 600V Shielded/Unshielded Cable – Meters (Feet)**

| Drive |     |     | No Solution |             | Reactor Only |              | Reactor and Damping Resistor or 1321-RWR |              | Reactor/RWR (see page 163) | Resistor |       | Available Options |      |      |     |
|-------|-----|-----|-------------|-------------|--------------|--------------|--|--------------|----------------------------|----------|-------|-------------------|------|------|-----|
| Frame | Hp  | kHz | 1488V       | 1850V       | 1488V        | 1850V        | 1488V                                    | 1850V        | Cat. No.                   | Ohms     | Watts | TFA1              | TFB2 | RWR2 | RWC |
| A     | 0.5 | 2/4 | 12.2 (40)   | 35.1 (115)  | 76.2 (250)   | 121.9 (400)  | 121.9 (400)                              | 121.9 (400)  |                            |          |       | •                 |      | •    |     |
|       | 1   | 2/4 | 12.2 (40)   | 35.1 (115)  | 76.2 (250)   | 121.9 (400)  | 121.9 (400)                              | 121.9 (400)  |                            |          |       | •                 |      | •    |     |
|       | 2   | 2/4 | 12.2 (40)   | 83.8 (275)  | 76.2 (250)   | 152.4 (500)  | 152.4 (500)                              | 152.4 (500)  |                            |          |       | •                 | •    | •    |     |
|       | 3   | 2/4 | 12.2 (40)   | 83.8 (275)  | 76.2 (250)   | 152.4 (500)  | 152.4 (500)                              | 152.4 (500)  | 1321-RWR8-EP               |          |       | •                 | •    | •    |     |
| B     | 5   | 2/4 | 12.2 (40)   | 83.8 (275)  | 76.2 (250)   | 152.4 (500)  | 152.4 (500)                              | 152.4 (500)  | 1321-RWR8-EP               |          |       | •                 | •    |      | •   |
| C     | 7.5 | 2   | 22.9 (75)   | 152.4 (500) | 76.2 (250)   | 304.8 (1000) | 304.8 (1000)                             | 304.8 (1000) | 1321-RWR12-EP              |          |       |                   | •    |      | •   |
|       |     | 4   | 22.9 (75)   | 152.4 (500) | 76.2 (250)   | 182.9 (600)  | 182.9 (600)                              | 182.9 (600)  |                            |          |       |                   |      |      | •   |
|       | 10  | 2   | 22.9 (75)   | 152.4 (500) | 76.2 (250)   | 304.8 (1000) | 304.8 (1000)                             | 304.8 (1000) | 1321-RWR12-EP              |          |       |                   | •    |      | •   |
|       |     | 4   | 22.9 (75)   | 152.4 (500) | 76.2 (250)   | 182.9 (600)  | 182.9 (600)                              | 182.9 (600)  |                            |          |       |                   |      |      | •   |
| D     | 15  | 2   | 30.5 (100)  | 152.4 (500) | 76.2 (250)   | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 1321-RWR25-EP              |          |       |                   | •    |      |     |
|       |     | 4   | 30.5 (100)  | 152.4 (500) | 76.2 (250)   | 182.9 (600)  | 182.9 (600)                              | 182.9 (600)  |                            |          |       |                   |      |      |     |
|       | 20  | 2   | 30.5 (100)  | 152.4 (500) | 76.2 (250)   | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 1321-RWR25-EP              |          |       |                   | •    |      |     |
|       |     | 4   | 30.5 (100)  | 152.4 (500) | 76.2 (250)   | 182.9 (600)  | 182.9 (600)                              | 182.9 (600)  |                            |          |       |                   |      |      |     |
| E     | 25  | 2   | 30.5 (100)  | 152.4 (500) | 76.2 (250)   | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 1321-RWR35-EP              |          |       |                   | •    |      |     |
|       |     | 4   | 30.5 (100)  | 152.4 (500) | 76.2 (250)   | 182.9 (600)  | 182.9 (600)                              | 182.9 (600)  |                            |          |       |                   |      |      |     |
|       | 30  | 2   | 30.5 (100)  | 152.4 (500) | 76.2 (250)   | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 1321-RWR35-EP              |          |       |                   | •    |      |     |
|       |     | 4   | 30.5 (100)  | 152.4 (500) | 76.2 (250)   | 182.9 (600)  | 182.9 (600)                              | 182.9 (600)  |                            |          |       |                   |      |      |     |



**Table 30 - PowerFlex 70 (standard/enhanced) and 700 (standard/vector) Drives, 400V Shielded/Unshielded Cable – Meters (Feet) (continued)**

| Drive Frame | Rating |      | No Solution |       |        |        | Reactor Only |        |        |        | Reactor and Damping Resistor or 1321-RWR |        |        |        | Reactor/RWR (see page 163) | Resistor                    |                             | Available Options            |                              |      |      |      |     |  |  |
|-------------|--------|------|-------------|-------|--------|--------|--------------|--------|--------|--------|--|--------|--------|--------|----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------|------|------|-----|--|--|
|             | 70     | 700  | kW          | kHz   | 1000V  | 1200V  | 1488V        | 1600V  | 1000V  | 1200V  | 1488V                                    | 1600V  | 1000V  | 1200V  | 1488V                      | 1600V                       | Cat. No.                    | Ohms                         | Watts                        | TFA1 | TFB2 | RWR2 | RWC |  |  |
| 5           | 55     | 2    | 12.2        | 137.2 | 304.8  | 365.8  | 91.4         | 274.3  | 365.8  | 365.8  | 365.8                                    | 365.8  | 365.8  | 365.8  | 365.8                      | 365.8                       | 1321-RWR100-DP              |                              |                              |      | •    |      |     |  |  |
|             |        |      | (40)        | (450) | (1000) | (1200) | (300)        | (900)  | (1200) | (1200) | (1200)                                   | (1200) | (1200) | (1200) | (1200)                     | (1200)                      | (1200)                      | 1321-RWR100-DP               |                              |      |      |      |     |  |  |
|             |        | 4    | 12.2        | 91.4  | 152.4  | 213.4  | 24.4         | 91.4   | 365.8  | 365.8  | 152.4                                    | 304.8  | 365.8  | 365.8  | 365.8                      | 365.8                       | 365.8                       | 1321-RWR100-DP               |                              |      |      |      |     |  |  |
|             |        |      | (40)        | (300) | (500)  | (700)  | (80)         | (300)  | (1200) | (1200) | (500)                                    | (1000) | (1200) | (1200) | (1200)                     | (1200)                      | (1200)                      | 1321-RWR100-DP               |                              |      |      |      |     |  |  |
|             | 75     | 2    | 18.3        | 137.2 | 304.8  | 365.8  | 91.4         | 213.4  | 365.8  | 365.8  | 365.8                                    | 365.8  | 365.8  | 365.8  | 365.8                      | 365.8                       | 1321-RWR130-DP              |                              |                              |      | •    |      |     |  |  |
|             |        |      | (60)        | (450) | (1000) | (1200) | (300)        | (700)  | (1200) | (1200) | (1200)                                   | (1200) | (1200) | (1200) | (1200)                     | (1200)                      | (1200)                      | 1321-RWR130-DP               |                              |      |      |      |     |  |  |
|             |        | 4    | 18.3        | 91.4  | 152.4  | 213.4  | 30.5         | 91.4   | 304.8  | 365.8  | 152.4                                    | 304.8  | 365.8  | 365.8  | 365.8                      | 365.8                       | 365.8                       | 1321-RWR130-DP               |                              |      |      |      |     |  |  |
|             |        |      | (60)        | (300) | (500)  | (700)  | (100)        | (300)  | (1000) | (1200) | (500)                                    | (1000) | (1200) | (1200) | (1200)                     | (1200)                      | (1200)                      | 1321-RWR130-DP               |                              |      |      |      |     |  |  |
| 6           | 90     | 2    | 18.3        | 137.2 | 304.8  | 365.8  | 91.4         | 213.4  | 365.8  | 365.8  | 304.8                                    | 365.8  | 365.8  | 365.8  | 365.8                      | 365.8                       | 1321-RWR160-DP              |                              |                              |      | •    |      |     |  |  |
|             |        |      | (60)        | (450) | (1000) | (1200) | (300)        | (700)  | (1200) | (1200) | (1000)                                   | (1200) | (1200) | (1200) | (1200)                     | (1200)                      | (1200)                      | 1321-RWR160-DP               |                              |      |      |      |     |  |  |
|             |        | 4    | 18.3        | 91.4  | 152.4  | 213.4  | 30.5         | 91.4   | 365.8  | 365.8  | 121.9                                    | 243.8  | 365.8  | 365.8  | 365.8                      | 365.8                       | 365.8                       | 1321-RWR160-DP               |                              |      |      |      |     |  |  |
|             |        |      | (60)        | (300) | (500)  | (700)  | (100)        | (300)  | (1200) | (1200) | (400)                                    | (800)  | (1200) | (1200) | (1200)                     | (1200)                      | (1200)                      | 1321-RWR160-DP               |                              |      |      |      |     |  |  |
|             | 110    | 2    | 24.4        | 137.2 | 274.3  | 365.8  | 76.2         | 198.1  | 365.8  | 365.8  | 274.3                                    | 365.8  | 365.8  | 365.8  | 365.8                      | 365.8                       | 1321-RWR200-DP              |                              |                              |      | •    |      |     |  |  |
|             |        |      | (80)        | (450) | (900)  | (1200) | (250)        | (650)  | (1200) | (1200) | (900)                                    | (1200) | (1200) | (1200) | (1200)                     | (1200)                      | (1200)                      | 1321-RWR200-DP               |                              |      |      |      |     |  |  |
|             |        | 4    | 24.4        | 91.4  | 152.4  | 213.4  | 36.6         | 91.4   | 365.8  | 365.8  | 121.9                                    | 213.4  | 365.8  | 365.8  | 365.8                      | 365.8                       | 365.8                       | 1321-RWR200-DP               |                              |      |      |      |     |  |  |
|             |        |      | (80)        | (300) | (500)  | (700)  | (120)        | (300)  | (1200) | (1200) | (400)                                    | (700)  | (1200) | (1200) | (1200)                     | (1200)                      | (1200)                      | 1321-RWR200-DP               |                              |      |      |      |     |  |  |
| 132         | 2      | 24.4 | 137.2       | 274.3 | 365.8  | 61.0   | 182.9        | 365.8  | 365.8  | 243.8  | 365.8                                    | 365.8  | 365.8  | 365.8  | 365.8                      | 1321-RWR250-DP              |                             |                              |                              | •    |      |      |     |  |  |
|             |        | (80) | (450)       | (900) | (1200) | (200)  | (600)        | (1200) | (1200) | (800)  | (1200)                                   | (1200) | (1200) | (1200) | (1200)                     | (1200)                      | 1321-RWR250-DP              |                              |                              |      |      |      |     |  |  |
|             | 4      | 24.4 | 91.4        | 152.4 | 213.4  | 36.6   | 91.4         | 365.8  | 365.8  | 91.4   | 182.9                                    | 365.8  | 365.8  | 365.8  | 365.8                      | 365.8                       | 1321-RWR250-DP              |                              |                              |      |      |      |     |  |  |
|             |        | (80) | (300)       | (500) | (700)  | (120)  | (300)        | (1200) | (1200) | (300)  | (600)                                    | (1200) | (1200) | (1200) | (1200)                     | (1200)                      | 1321-RWR250-DP              |                              |                              |      |      |      |     |  |  |
| 7           | 160    | 2    | 24.4        | 121.9 | 243.8  | 365.8  | 61.0         | 152.4  | 304.8  | 365.8  | 243.8                                    | 365.8  | 365.8  | 365.8  | 365.8                      | 365.8                       | 1321-3RB320-B               | 50                           | 225                          |      | •    |      |     |  |  |
|             |        |      | (80)        | (400) | (800)  | (1200) | (200)        | (500)  | (1000) | (1200) | (800)                                    | (1200) | (1200) | (1200) | (1200)                     | (1200)                      | (1200)                      | 1321-3RB320-B                | 50                           | 450  |      |      |     |  |  |
|             |        | 4    | 24.4        | 91.4  | 152.4  | 182.9  | 36.6         | 91.4   | 182.9  | 274.3  | 91.4                                     | 182.9  | 365.8  | 365.8  | 365.8                      | 365.8                       | 1321-3RB320-B               | 50                           | 450                          |      |      |      |     |  |  |
|             |        |      | (80)        | (300) | (500)  | (600)  | (120)        | (300)  | (600)  | (900)  | (300)                                    | (600)  | (1200) | (1200) | (1200)                     | (1200)                      | (1200)                      | 1321-3RB320-B                | 50                           | 450  |      |      |     |  |  |
| 8           | 180    | 2    | 24.4        | 121.9 | 243.8  | 365.8  | 61.0         | 152.4  | 304.8  | 365.8  | 243.8                                    | 365.8  | 365.8  | 365.8  | 365.8                      | 365.8                       | 1321-3RB320-B               | 50                           | 225                          |      | •    |      |     |  |  |
|             |        |      | (80)        | (400) | (800)  | (1200) | (200)        | (500)  | (1000) | (1200) | (800)                                    | (1200) | (1200) | (1200) | (1200)                     | (1200)                      | (1200)                      | 1321-3RB320-B                | 50                           | 450  |      |      |     |  |  |
|             |        | 4    | 24.4        | 91.4  | 152.4  | 182.9  | 36.6         | 91.4   | 182.9  | 274.3  | 91.4                                     | 182.9  | 365.8  | 365.8  | 365.8                      | 365.8                       | 1321-3RB320-B               | 50                           | 450                          |      |      |      |     |  |  |
|             |        |      | (80)        | (300) | (500)  | (600)  | (120)        | (300)  | (600)  | (900)  | (300)                                    | (600)  | (1200) | (1200) | (1200)                     | (1200)                      | (1200)                      | 1321-3RB320-B                | 50                           | 450  |      |      |     |  |  |
|             | 200    | 240  | 2           | 24.4  | 121.9  | 243.8  | 365.8        | 61.0   | 152.4  | 304.8  | 365.8                                    | 243.8  | 365.8  | 365.8  | 365.8                      | 365.8                       | 365.8                       | 1321-3RB400-B <sup>(1)</sup> | 20                           | 495  |      | •    |     |  |  |
|             |        |      |             | (80)  | (400)  | (800)  | (1200)       | (200)  | (500)  | (1000) | (1200)                                   | (800)  | (1200) | (1200) | (1200)                     | (1200)                      | (1200)                      | (1200)                       | 1321-3RB400-B <sup>(1)</sup> | 20   | 990  |      |     |  |  |
|             |        |      | 4           | 24.4  | 91.4   | 152.4  | 182.9        | 36.6   | 91.4   | 182.9  | 228.6                                    | 91.4   | 182.9  | 304.8  | 365.8                      | 365.8                       | 365.8                       | 1321-3RB400-B <sup>(1)</sup> | 20                           | 990  |      |      |     |  |  |
|             |        |      |             | (80)  | (300)  | (500)  | (600)        | (120)  | (300)  | (600)  | (750)                                    | (300)  | (600)  | (1000) | (1200)                     | (1200)                      | (1200)                      | 1321-3RB400-B <sup>(1)</sup> | 20                           | 990  |      |      |     |  |  |
| 280         |        | 2    | 24.4        | 121.9 | 213.4  | 304.8  | 45.7         | 121.9  | 304.8  | 365.8  | 228.6                                    | 365.8  | 365.8  | 365.8  | 365.8                      | 365.8                       | 1321-3R500-B <sup>(1)</sup> | 20                           | 495                          |      | •    |      |     |  |  |
|             |        |      | (80)        | (400) | (700)  | (1000) | (150)        | (400)  | (1000) | (1200) | (750)                                    | (1200) | (1200) | (1200) | (1200)                     | (1200)                      | 1321-3R500-B <sup>(1)</sup> | 20                           | 990                          |      |      |      |     |  |  |
|             |        | 4    | 24.4        | 91.4  | 152.4  | 182.9  | 36.6         | 91.4   | 167.6  | 213.4  | 91.4                                     | 182.9  | 304.8  | 365.8  | 365.8                      | 365.8                       | 1321-3R500-B <sup>(1)</sup> | 20                           | 990                          |      |      |      |     |  |  |
|             |        |      | (80)        | (300) | (500)  | (600)  | (120)        | (300)  | (550)  | (700)  | (300)                                    | (600)  | (1000) | (1200) | (1200)                     | (1200)                      | 1321-3R500-B <sup>(1)</sup> | 20                           | 990                          |      |      |      |     |  |  |
| 300         | 2      | 24.4 | 121.9       | 213.4 | 259.1  | 45.7   | 121.9        | 304.8  | 365.8  | 228.6  | 365.8                                    | 365.8  | 365.8  | 365.8  | 365.8                      | 1321-3R600-B <sup>(1)</sup> | 20                          | 495                          |                              | •    |      |      |     |  |  |
|             |        | (80) | (400)       | (700) | (850)  | (150)  | (400)        | (1000) | (1200) | (750)  | (1200)                                   | (1200) | (1200) | (1200) | (1200)                     | 1321-3R600-B <sup>(1)</sup> | 20                          | 990                          |                              |      |      |      |     |  |  |
|             | 4      | 24.4 | 91.4        | 152.4 | 182.9  | 36.6   | 91.4         | 167.6  | 213.4  | 91.4   | 182.9                                    | 304.8  | 365.8  | 365.8  | 365.8                      | 1321-3R600-B <sup>(1)</sup> | 20                          | 990                          |                              |      |      |      |     |  |  |
|             |        | (80) | (300)       | (500) | (600)  | (120)  | (300)        | (550)  | (700)  | (300)  | (600)                                    | (1000) | (1200) | (1200) | (1200)                     | 1321-3R600-B <sup>(1)</sup> | 20                          | 990                          |                              |      |      |      |     |  |  |
| 350         | 2      | 24.4 | 121.9       | 213.4 | 259.1  | 45.7   | 121.9        | 304.8  | 365.8  | 228.6  | 304.8                                    | 365.8  | 365.8  | 365.8  | 365.8                      | 1321-3R600-B <sup>(1)</sup> | 20                          | 495                          |                              | •    |      |      |     |  |  |
|             |        | (80) | (400)       | (700) | (850)  | (150)  | (400)        | (1000) | (1200) | (750)  | (1000)                                   | (1200) | (1200) | (1200) | (1200)                     | 1321-3R600-B <sup>(1)</sup> | 20                          | 990                          |                              |      |      |      |     |  |  |
|             | 4      | 24.4 | 91.4        | 152.4 | 182.9  | 36.6   | 91.4         | 167.6  | 213.4  | 91.4   | 182.9                                    | 304.8  | 365.8  | 365.8  | 365.8                      | 1321-3R600-B <sup>(1)</sup> | 20                          | 990                          |                              |      |      |      |     |  |  |
|             |        | (80) | (300)       | (500) | (600)  | (120)  | (300)        | (550)  | (700)  | (300)  | (600)                                    | (1000) | (1200) | (1200) | (1200)                     | 1321-3R600-B <sup>(1)</sup> | 20                          | 990                          |                              |      |      |      |     |  |  |
| 9           | 400    | 2    | 24.4        | 91.4  | 152.4  | 213.4  | 36.6         | 91.4   | 304.8  | 365.8  | 198.1                                    | 274.3  | 365.8  | 365.8  | 365.8                      | 1321-3R750-B <sup>(2)</sup> | 20                          | 735                          |                              | •    |      |      |     |  |  |
|             |        |      | (80)        | (300) | (500)  | (700)  | (120)        | (300)  | (1000) | (1200) | (650)                                    | (900)  | (1200) | (1200) | (1200)                     | 1321-3R750-B <sup>(2)</sup> | 20                          | 1470                         |                              |      |      |      |     |  |  |
|             |        | 4    | 24.4        | 91.4  | 137.2  | 167.6  | 36.6         | 91.4   | 152.4  | 182.9  | 76.2                                     | 137.2  | 274.3  | 365.8  | 365.8                      | 365.8                       | 1321-3R750-B <sup>(2)</sup> | 20                           | 1470                         |      |      |      |     |  |  |
|             |        |      | (80)        | (300) | (450)  | (550)  | (120)        | (300)  | (500)  | (600)  | (250)                                    | (450)  | (900)  | (1200) | (1200)                     | (1200)                      | 1321-3R750-B <sup>(2)</sup> | 20                           | 1470                         |      |      |      |     |  |  |
| 10          | 500    | 2    | 24.4        | 91.4  | 152.4  | 213.4  | 36.6         | 91.4   | 304.8  | 365.8  | 198.1                                    | 274.3  | 365.8  | 365.8  | 365.8                      | 1321-3R850-B <sup>(2)</sup> | 20                          | 735                          |                              | •    |      |      |     |  |  |
|             |        |      | (80)        | (300) | (500)  | (700)  | (120)        | (300)  | (1000) | (1200) | (650)                                    | (900)  | (1200) | (1200) | (1200)                     | 1321-3R850-B <sup>(2)</sup> | 20                          | 1470                         |                              |      |      |      |     |  |  |
|             |        | 4    | 24.4        | 91.4  | 137.2  | 167.6  | 36.6         | 91.4   | 152.4  | 182.9  | 76.2                                     | 137.2  | 274.3  | 365.8  | 365.8                      | 365.8                       | 1321-3R850-B <sup>(2)</sup> | 20                           | 1470                         |      |      |      |     |  |  |
|             |        |      | (80)        | (300) | (450)  | (550)  | (120)        | (300)  | (500)  | (600)  | (250)                                    | (450)  | (900)  | (1200) | (1200)                     | (1200)                      | 1321-3R850-B <sup>(2)</sup> | 20                           | 1470                         |      |      |      |     |  |  |

(1) Requires two parallel cables.  
 (2) Requires three parallel cables.

**Table 31 - PowerFlex 70 (standard/enhanced) and 700 (standard/vector) Drives, 480V Shielded/Unshielded Cable – Meters (Feet)**

| Drive Frame | Rating |     | No Solution |           |             |             | Reactor Only |            |              |              | Reactor and Damping Resistor or 1321-RWR |              |              |              | Reactor/RWR (see page 163) | Resistor     |               | Available Options |       |      |      |      |     |   |
|-------------|--------|-----|-------------|-----------|-------------|-------------|--------------|------------|--------------|--------------|--|--------------|--------------|--------------|----------------------------|--------------|---------------|-------------------|-------|------|------|------|-----|---|
|             | 70     | 700 | Hp          | kHz       | 1000V       | 1200V       | 1488V        | 1600V      | 1000V        | 1200V        | 1488V                                    | 1600V        | 1000V        | 1200V        | 1488V                      | 1600V        | Cat. No.      | Ohms              | Watts | TFAT | TFB2 | RWR2 | RWC |   |
| A           | 0      | 0.5 | 2           | 7.6 (25)  | 12.2 (40)   | 53.3 (175)  | 53.3 (175)   | 7.6 (25)   | 91.4 (300)   | 121.9 (400)  | 121.9 (400)                              | 121.9 (400)  | 121.9 (400)  | 121.9 (400)  | 121.9 (400)                | 121.9 (400)  |               |                   |       | •    |      | •    | •   |   |
|             |        |     | 4           | 7.6 (25)  | 12.2 (40)   | 53.3 (175)  | 53.3 (175)   | 7.6 (25)   | 12.2 (40)    | 121.9 (400)  | 121.9 (400)                              | 121.9 (400)  | 121.9 (400)  | 121.9 (400)  | 121.9 (400)                | 121.9 (400)  | 121.9 (400)   |                   |       |      |      |      | •   | • |
|             |        | 1   | 2           | 7.6 (25)  | 12.2 (40)   | 83.8 (275)  | 83.8 (275)   | 7.6 (25)   | 91.4 (300)   | 152.4 (500)  | 152.4 (500)                              | 152.4 (500)  | 152.4 (500)  | 152.4 (500)  | 152.4 (500)                | 152.4 (500)  | 152.4 (500)   |                   |       |      | •    |      | •   | • |
|             |        |     | 4           | 7.6 (25)  | 12.2 (40)   | 76.2 (250)  | 76.2 (250)   | 7.6 (25)   | 12.2 (40)    | 121.9 (400)  | 152.4 (500)                              | 152.4 (500)  | 152.4 (500)  | 152.4 (500)  | 152.4 (500)                | 152.4 (500)  | 152.4 (500)   |                   |       |      |      |      | •   | • |
|             |        | 2   | 2           | 7.6 (25)  | 12.2 (40)   | 83.8 (275)  | 83.8 (275)   | 7.6 (25)   | 91.4 (300)   | 182.9 (600)  | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                | 182.9 (600)  | 182.9 (600)   |                   |       |      | •    | •    | •   | • |
|             |        |     | 4           | 7.6 (25)  | 12.2 (40)   | 76.2 (250)  | 76.2 (250)   | 7.6 (25)   | 12.2 (40)    | 121.9 (400)  | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                | 182.9 (600)  | 182.9 (600)   |                   |       |      |      |      | •   | • |
| B           | 3      | 2   | 7.6 (25)    | 12.2 (40) | 129.5 (425) | 129.5 (425) | 7.6 (25)     | 91.4 (300) | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                | 182.9 (600)  |               |                   |       | •    | •    | •    | •   |   |
|             |        | 4   | 7.6 (25)    | 12.2 (40) | 121.9 (400) | 121.9 (400) | 7.6 (25)     | 12.2 (40)  | 121.9 (400)  | 182.9 (600)  | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                | 182.9 (600)  |               |                   |       |      |      | •    | •   |   |
|             | 5      | 2   | 7.6 (25)    | 12.2 (40) | 137.2 (450) | 182.9 (600) | 7.6 (25)     | 91.4 (300) | 243.8 (800)  | 243.8 (800)  | 182.9 (600)                              | 243.8 (800)  | 243.8 (800)  | 243.8 (800)  | 243.8 (800)                | 243.8 (800)  | 1321-RWR8-DP  |                   |       |      | •    | •    | •   | • |
|             |        | 4   | 7.6 (25)    | 12.2 (40) | 121.9 (400) | 182.9 (600) | 7.6 (25)     | 12.2 (40)  | 121.9 (400)  | 243.8 (800)  | 182.9 (600)                              | 243.8 (800)  | 243.8 (800)  | 243.8 (800)  | 243.8 (800)                | 243.8 (800)  | 1321-RWR8-DP  |                   |       |      |      |      | •   | • |
| C           | 7.5    | 2   | 7.6 (25)    | 12.2 (40) | 137.2 (450) | 182.9 (600) | 7.6 (25)     | 91.4 (300) | 304.8 (1000) | 304.8 (1000) | 182.9 (600)                              | 304.8 (1000) | 304.8 (1000) | 304.8 (1000) | 304.8 (1000)               | 304.8 (1000) | 1321-RWR12-DP |                   |       |      | •    |      | •   |   |
|             |        | 4   | 7.6 (25)    | 12.2 (40) | 121.9 (400) | 182.9 (600) | 7.6 (25)     | 12.2 (40)  | 121.9 (400)  | 304.8 (1000) | 182.9 (600)                              | 304.8 (1000) | 304.8 (1000) | 304.8 (1000) | 304.8 (1000)               | 304.8 (1000) | 1321-RWR12-DP |                   |       |      |      |      | •   |   |
| 1           | 10     | 2   | 7.6 (25)    | 12.2 (40) | 137.2 (450) | 182.9 (600) | 7.6 (25)     | 91.4 (300) | 365.8 (1200) | 365.8 (1200) | 182.9 (600)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               | 365.8 (1200) | 1321-RWR18-DP |                   |       |      | •    |      | •   |   |
|             |        | 4   | 7.6 (25)    | 12.2 (40) | 121.9 (400) | 182.9 (600) | 7.6 (25)     | 12.2 (40)  | 121.9 (400)  | 304.8 (1000) | 182.9 (600)                              | 304.8 (1000) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               | 365.8 (1200) | 1321-RWR18-DP |                   |       |      |      |      | •   |   |
| D           | 15     | 2   | 7.6 (25)    | 12.2 (40) | 137.2 (450) | 182.9 (600) | 7.6 (25)     | 91.4 (300) | 365.8 (1200) | 365.8 (1200) | 182.9 (600)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               | 365.8 (1200) | 1321-RWR25-DP |                   |       |      | •    |      |     |   |
|             |        | 4   | 7.6 (25)    | 12.2 (40) | 121.9 (400) | 182.9 (600) | 7.6 (25)     | 12.2 (40)  | 121.9 (400)  | 304.8 (1000) | 182.9 (600)                              | 304.8 (1000) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               | 365.8 (1200) | 1321-RWR25-DP |                   |       |      |      |      |     |   |
| 2           | 20     | 2   | 7.6 (25)    | 12.2 (40) | 137.2 (450) | 182.9 (600) | 7.6 (25)     | 91.4 (300) | 365.8 (1200) | 365.8 (1200) | 182.9 (600)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               | 365.8 (1200) | 1321-RWR35-DP |                   |       |      | •    |      |     |   |
|             |        | 4   | 7.6 (25)    | 12.2 (40) | 121.9 (400) | 182.9 (600) | 7.6 (25)     | 12.2 (40)  | 121.9 (400)  | 304.8 (1000) | 182.9 (600)                              | 304.8 (1000) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               | 365.8 (1200) | 1321-RWR35-DP |                   |       |      |      |      |     |   |
|             | 25     | 2   | 7.6 (25)    | 12.2 (40) | 137.2 (450) | 182.9 (600) | 7.6 (25)     | 76.2 (250) | 365.8 (1200) | 365.8 (1200) | 182.9 (600)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               | 365.8 (1200) | 1321-RWR35-DP |                   |       |      | •    |      |     |   |
|             |        | 4   | 7.6 (25)    | 12.2 (40) | 121.9 (400) | 182.9 (600) | 7.6 (25)     | 12.2 (40)  | 121.9 (400)  | 274.3 (900)  | 152.4 (500)                              | 304.8 (1000) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               | 365.8 (1200) | 1321-RWR35-DP |                   |       |      |      |      |     |   |
| 3           | 30     | 2   | 7.6 (25)    | 12.2 (40) | 137.2 (450) | 182.9 (600) | 7.6 (25)     | 76.2 (250) | 365.8 (1200) | 365.8 (1200) | 182.9 (600)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               | 365.8 (1200) | 1321-RWR45-DP |                   |       |      | •    |      |     |   |
|             |        | 4   | 7.6 (25)    | 12.2 (40) | 121.9 (400) | 182.9 (600) | 7.6 (25)     | 12.2 (40)  | 121.9 (400)  | 243.8 (800)  | 152.4 (500)                              | 304.8 (1000) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               | 365.8 (1200) | 1321-RWR45-DP |                   |       |      |      |      |     |   |
| E           | 40     | 2   | 7.6 (25)    | 12.2 (40) | 137.2 (450) | 182.9 (600) | 7.6 (25)     | 76.2 (250) | 365.8 (1200) | 365.8 (1200) | 152.4 (500)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               | 365.8 (1200) | 1321-RWR55-DP |                   |       |      | •    |      |     |   |
|             |        | 4   | 7.6 (25)    | 12.2 (40) | 106.7 (350) | 152.4 (500) | 7.6 (25)     | 12.2 (40)  | 106.7 (350)  | 228.6 (750)  | 121.9 (400)                              | 243.8 (800)  | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               | 365.8 (1200) | 1321-RWR55-DP |                   |       |      |      |      |     |   |
|             | 50     | 2   | 12.2 (40)   | 18.3 (60) | 137.2 (450) | 182.9 (600) | 12.2 (40)    | 61.0 (200) | 304.8 (1000) | 365.8 (1200) | 152.4 (500)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               | 365.8 (1200) | 1321-RWR80-DP |                   |       |      | •    |      |     |   |
|             |        | 4   | 7.6 (25)    | 12.2 (40) | 91.4 (300)  | 152.4 (500) | 12.2 (40)    | 18.3 (60)  | 106.7 (350)  | 228.6 (750)  | 91.4 (300)                               | 243.8 (800)  | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               | 365.8 (1200) | 1321-RWR80-DP |                   |       |      |      |      |     |   |
| 4           | 60     | 2   | 12.2 (40)   | 18.3 (60) | 137.2 (450) | 182.9 (600) | 12.2 (40)    | 61.0 (200) | 304.8 (1000) | 365.8 (1200) | 137.2 (450)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               | 365.8 (1200) | 1321-RWR80-DP |                   |       |      | •    |      |     |   |
|             |        | 4   | 7.6 (25)    | 12.2 (40) | 91.4 (300)  | 152.4 (500) | 12.2 (40)    | 24.4 (80)  | 91.4 (300)   | 228.6 (750)  | 76.2 (250)                               | 213.4 (700)  | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               | 365.8 (1200) | 1321-RWR80-DP |                   |       |      |      |      |     |   |

**Table 31 - PowerFlex 70 (standard/enhanced) and 700 (standard/vector) Drives, 480V Shielded/Unshielded Cable – Meters (Feet) (continued)**

| Drive Frame | Rating |      | No Solution |       |       |       | Reactor Only |       |        |        | Reactor and Damping Resistor or 1321-RWR |        |                             |                             | Reactor/RWR (see page 163)   | Resistor                     |          | Available Options |       |      |      |      |     |  |  |  |
|-------------|--------|------|-------------|-------|-------|-------|--------------|-------|--------|--------|--|--------|-----------------------------|-----------------------------|------------------------------|------------------------------|----------|-------------------|-------|------|------|------|-----|--|--|--|
|             | 70     | 700  | Hp          | kHz   | 1000V | 1200V | 1488V        | 1600V | 1000V  | 1200V  | 1488V                                    | 1600V  | 1000V                       | 1200V                       | 1488V                        | 1600V                        | Cat. No. | Ohms              | Watts | TFA1 | TFB2 | RWR2 | RWC |  |  |  |
| 5           | 75     | 2    | 12.2        | 18.3  | 137.2 | 182.9 | 12.2         | 61.0  | 274.3  | 365.8  | 137.2                                    | 365.8  | 365.8                       | 365.8                       | 1321-RWR100-DP               |                              |          |                   |       |      |      |      |     |  |  |  |
|             |        |      | (40)        | (60)  | (450) | (600) | (40)         | (200) | (900)  | (1200) | (450)                                    | (1200) | (1200)                      | (1200)                      | 1321-RWR100-DP               |                              |          |                   |       |      |      |      |     |  |  |  |
|             |        | 4    | 7.6         | 12.2  | 91.4  | 152.4 | 12.2         | 24.4  | 91.4   | 182.9  | 76.2                                     | 182.9  | 365.8                       | 365.8                       | 1321-RWR100-DP               |                              |          |                   |       |      |      |      |     |  |  |  |
|             |        |      | (25)        | (40)  | (300) | (500) | (40)         | (80)  | (300)  | (600)  | (200)                                    | (600)  | (1200)                      | (1200)                      | 1321-RWR100-DP               |                              |          |                   |       |      |      |      |     |  |  |  |
|             | 100    | 2    | 12.2        | 24.4  | 137.2 | 182.9 | 12.2         | 61.0  | 243.8  | 365.8  | 137.2                                    | 365.8  | 365.8                       | 365.8                       | 1321-RWR130-DP               |                              |          |                   |       |      |      |      |     |  |  |  |
|             |        |      | (40)        | (80)  | (450) | (600) | (40)         | (200) | (800)  | (1200) | (450)                                    | (1200) | (1200)                      | (1200)                      | 1321-RWR130-DP               |                              |          |                   |       |      |      |      |     |  |  |  |
|             |        | 4    | 7.6         | 18.3  | 91.4  | 152.4 | 12.2         | 30.5  | 91.4   | 152.4  | 61.0                                     | 137.2  | 304.8                       | 304.8                       | 1321-RWR130-DP               |                              |          |                   |       |      |      |      |     |  |  |  |
|             |        |      | (25)        | (60)  | (300) | (500) | (40)         | (100) | (300)  | (500)  | (200)                                    | (450)  | (1000)                      | (1000)                      | 1321-RWR130-DP               |                              |          |                   |       |      |      |      |     |  |  |  |
| 6           | 125    | 2    | 12.2        | 24.4  | 137.2 | 182.9 | 12.2         | 61.0  | 243.8  | 365.8  | 121.9                                    | 304.8  | 365.8                       | 365.8                       | 1321-RWR160-DP               |                              |          |                   |       |      |      |      |     |  |  |  |
|             |        |      | (40)        | (80)  | (450) | (600) | (40)         | (200) | (800)  | (1200) | (400)                                    | (1000) | (1200)                      | (1200)                      | 1321-RWR160-DP               |                              |          |                   |       |      |      |      |     |  |  |  |
|             |        | 4    | 7.6         | 18.3  | 91.4  | 152.4 | 12.2         | 30.5  | 91.4   | 152.4  | 61.0                                     | 106.7  | 243.8                       | 274.3                       | 1321-RWR160-DP               |                              |          |                   |       |      |      |      |     |  |  |  |
|             |        |      | (25)        | (60)  | (300) | (500) | (40)         | (100) | (300)  | (500)  | (200)                                    | (350)  | (800)                       | (900)                       | 1321-RWR160-DP               |                              |          |                   |       |      |      |      |     |  |  |  |
|             | 150    | 2    | 12.2        | 24.4  | 137.2 | 182.9 | 12.2         | 61.0  | 243.8  | 304.8  | 91.4                                     | 274.3  | 365.8                       | 365.8                       | 1321-RWR200-DP               |                              |          |                   |       |      |      |      |     |  |  |  |
|             |        |      | (40)        | (80)  | (450) | (600) | (40)         | (200) | (800)  | (1000) | (300)                                    | (900)  | (1200)                      | (1200)                      | 1321-RWR200-DP               |                              |          |                   |       |      |      |      |     |  |  |  |
|             |        | 4    | 7.6         | 24.4  | 91.4  | 152.4 | 12.2         | 30.5  | 91.4   | 152.4  | 45.7                                     | 76.2   | 243.8                       | 274.3                       | 1321-RWR200-DP               |                              |          |                   |       |      |      |      |     |  |  |  |
|             |        |      | (25)        | (80)  | (300) | (500) | (40)         | (100) | (300)  | (500)  | (150)                                    | (250)  | (800)                       | (900)                       | 1321-RWR200-DP               |                              |          |                   |       |      |      |      |     |  |  |  |
| 200         | 2      | 12.2 | 30.5        | 137.2 | 182.9 | 12.2  | 61.0         | 243.8 | 304.8  | 76.2   | 274.3                                    | 365.8  | 365.8                       | 1321-RWR250-DP              |                              |                              |          |                   |       |      |      |      |     |  |  |  |
|             |        | (40) | (100)       | (450) | (600) | (40)  | (200)        | (800) | (1000) | (250)  | (900)                                    | (1200) | (1200)                      | 1321-RWR250-DP              |                              |                              |          |                   |       |      |      |      |     |  |  |  |
|             | 4      | 7.6  | 24.4        | 91.4  | 121.9 | 12.2  | 36.6         | 91.4  | 121.9  | 45.7   | 76.2                                     | 213.4  | 274.3                       | 1321-RWR250-DP              |                              |                              |          |                   |       |      |      |      |     |  |  |  |
|             |        | (25) | (80)        | (300) | (400) | (40)  | (120)        | (300) | (400)  | (150)  | (250)                                    | (700)  | (900)                       | 1321-RWR250-DP              |                              |                              |          |                   |       |      |      |      |     |  |  |  |
| 7           | 250    | 2    | 12.2        | 30.5  | 137.2 | 167.6 | 12.2         | 61.0  | 198.1  | 259.1  | 76.2                                     | 243.8  | 365.8                       | 365.8                       | 1321-3RB320-B                | 50                           | 225      |                   |       |      |      |      |     |  |  |  |
|             |        |      | (40)        | (100) | (450) | (550) | (40)         | (200) | (650)  | (850)  | (250)                                    | (800)  | (1200)                      | (1200)                      | 1321-3RB320-B                | 50                           | 225      |                   |       |      |      |      |     |  |  |  |
|             |        | 4    | 7.6         | 24.4  | 91.4  | 121.9 | 12.2         | 30.5  | 91.4   | 121.9  | 45.7                                     | 76.2   | 213.4                       | 274.3                       | 1321-3RB320-B                | 50                           | 450      |                   |       |      |      |      |     |  |  |  |
|             |        |      | (25)        | (80)  | (300) | (400) | (40)         | (100) | (300)  | (400)  | (150)                                    | (250)  | (700)                       | (900)                       | 1321-3RB320-B                | 50                           | 450      |                   |       |      |      |      |     |  |  |  |
|             | 250    | 2    | 12.2        | 30.5  | 137.2 | 167.6 | 12.2         | 61.0  | 198.1  | 259.1  | 76.2                                     | 243.8  | 365.8                       | 365.8                       | 1321-3RB320-B                | 50                           | 225      |                   |       |      |      |      |     |  |  |  |
|             |        |      | (40)        | (100) | (450) | (550) | (40)         | (200) | (650)  | (850)  | (250)                                    | (800)  | (1200)                      | (1200)                      | 1321-3RB320-B                | 50                           | 225      |                   |       |      |      |      |     |  |  |  |
|             |        | 4    | 7.6         | 24.4  | 91.4  | 121.9 | 12.2         | 30.5  | 91.4   | 121.9  | 45.7                                     | 76.2   | 213.4                       | 274.3                       | 1321-3RB320-B                | 50                           | 450      |                   |       |      |      |      |     |  |  |  |
|             |        |      | (25)        | (80)  | (300) | (400) | (40)         | (100) | (300)  | (400)  | (150)                                    | (250)  | (700)                       | (900)                       | 1321-3RB320-B                | 50                           | 450      |                   |       |      |      |      |     |  |  |  |
| 8           | 300    | 2    | 12.2        | 30.5  | 106.7 | 152.4 | 12.2         | 45.7  | 137.2  | 198.1  | 61.0                                     | 243.8  | 365.8                       | 365.8                       | 1321-3RB400-B <sup>(1)</sup> | 20                           | 495      |                   |       |      |      |      |     |  |  |  |
|             |        |      | (40)        | (100) | (350) | (500) | (40)         | (150) | (450)  | (650)  | (200)                                    | (800)  | (1200)                      | (1200)                      | 1321-3RB400-B <sup>(1)</sup> | 20                           | 990      |                   |       |      |      |      |     |  |  |  |
|             |        |      | 4           | 7.6   | 24.4  | 91.4  | 121.9        | 12.2  | 30.5   | 91.4   | 121.9                                    | 45.7   | 76.2                        | 213.4                       | 274.3                        | 1321-3RB400-B <sup>(1)</sup> | 20       | 990               |       |      |      |      |     |  |  |  |
|             |        |      |             | (25)  | (80)  | (300) | (400)        | (40)  | (100)  | (300)  | (400)                                    | (150)  | (250)                       | (700)                       | (900)                        | 1321-3RB400-B <sup>(1)</sup> | 20       | 990               |       |      |      |      |     |  |  |  |
|             |        | 350  | 2           | 12.2  | 30.5  | 106.7 | 152.4        | 12.2  | 45.7   | 137.2  | 198.1                                    | 61.0   | 243.8                       | 365.8                       | 365.8                        | 1321-3R400-B <sup>(1)</sup>  | 20       | 495               |       |      |      |      |     |  |  |  |
|             |        |      |             | (40)  | (100) | (350) | (500)        | (40)  | (150)  | (450)  | (650)                                    | (200)  | (800)                       | (1200)                      | (1200)                       | 1321-3R400-B <sup>(1)</sup>  | 20       | 495               |       |      |      |      |     |  |  |  |
|             |        |      | 4           | 7.6   | 24.4  | 91.4  | 121.9        | 12.2  | 30.5   | 91.4   | 121.9                                    | 45.7   | 76.2                        | 167.6                       | 259.1                        | 1321-3RB400-B <sup>(1)</sup> | 20       | 990               |       |      |      |      |     |  |  |  |
|             |        |      |             | (25)  | (80)  | (300) | (400)        | (40)  | (100)  | (300)  | (400)                                    | (150)  | (250)                       | (550)                       | (850)                        | 1321-3RB400-B <sup>(1)</sup> | 20       | 990               |       |      |      |      |     |  |  |  |
|             | 400    | 2    | 12.2        | 30.5  | 106.7 | 152.4 | 12.2         | 45.7  | 137.2  | 182.9  | 61.0                                     | 213.4  | 365.8                       | 365.8                       | 1321-3R500-B <sup>(1)</sup>  | 20                           | 495      |                   |       |      |      |      |     |  |  |  |
|             |        |      | (40)        | (100) | (350) | (500) | (40)         | (150) | (450)  | (600)  | (200)                                    | (700)  | (1200)                      | (1200)                      | 1321-3R500-B <sup>(1)</sup>  | 20                           | 495      |                   |       |      |      |      |     |  |  |  |
|             |        |      | 4           | 7.6   | 24.4  | 91.4  | 121.9        | 12.2  | 30.5   | 91.4   | 121.9                                    | 45.7   | 76.2                        | 167.6                       | 259.1                        | 1321-3R500-B <sup>(1)</sup>  | 20       | 990               |       |      |      |      |     |  |  |  |
|             |        |      |             | (25)  | (80)  | (300) | (400)        | (40)  | (100)  | (300)  | (400)                                    | (150)  | (250)                       | (550)                       | (850)                        | 1321-3R500-B <sup>(1)</sup>  | 20       | 990               |       |      |      |      |     |  |  |  |
|             |        | 450  | 2           | 12.2  | 30.5  | 106.7 | 152.4        | 12.2  | 45.7   | 137.2  | 182.9                                    | 61.0   | 213.4                       | 365.8                       | 365.8                        | 1321-3R600-B <sup>(1)</sup>  | 20       | 495               |       |      |      |      |     |  |  |  |
|             |        |      |             | (40)  | (100) | (350) | (500)        | (40)  | (150)  | (450)  | (600)                                    | (200)  | (700)                       | (1200)                      | (1200)                       | 1321-3R600-B <sup>(1)</sup>  | 20       | 495               |       |      |      |      |     |  |  |  |
|             |        |      | 4           | 7.6   | 24.4  | 91.4  | 121.9        | 12.2  | 30.5   | 91.4   | 121.9                                    | 45.7   | 76.2                        | 167.6                       | 259.1                        | 1321-3R600-B <sup>(1)</sup>  | 20       | 990               |       |      |      |      |     |  |  |  |
|             |        |      |             | (25)  | (80)  | (300) | (400)        | (40)  | (100)  | (300)  | (400)                                    | (150)  | (250)                       | (550)                       | (850)                        | 1321-3R600-B <sup>(1)</sup>  | 20       | 990               |       |      |      |      |     |  |  |  |
| 500         | 2      | 12.2 | 30.5        | 106.7 | 152.4 | 12.2  | 45.7         | 121.9 | 152.4  | 61.0   | 182.9                                    | 304.8  | 365.8                       | 1321-3R600-B <sup>(1)</sup> | 20                           | 495                          |          |                   |       |      |      |      |     |  |  |  |
|             |        | (40) | (100)       | (350) | (500) | (40)  | (150)        | (400) | (500)  | (200)  | (600)                                    | (1000) | (1200)                      | 1321-3R600-B <sup>(1)</sup> | 20                           | 495                          |          |                   |       |      |      |      |     |  |  |  |
|             | 4      | 7.6  | 24.4        | 91.4  | 121.9 | 12.2  | 30.5         | 91.4  | 121.9  | 45.7   | 76.2                                     | 167.6  | 243.8                       | 1321-3R600-B <sup>(1)</sup> | 20                           | 990                          |          |                   |       |      |      |      |     |  |  |  |
|             |        | (25) | (80)        | (300) | (400) | (40)  | (100)        | (300) | (400)  | (150)  | (250)                                    | (550)  | (800)                       | 1321-3R600-B <sup>(1)</sup> | 20                           | 990                          |          |                   |       |      |      |      |     |  |  |  |
| 9           | 600    | 2    | 12.2        | 30.5  | 91.4  | 121.9 | 12.2         | 45.7  | 106.7  | 137.2  | 61.0                                     | 152.4  | 274.3                       | 365.8                       | 1321-3R750-B <sup>(2)</sup>  | 20                           | 735      |                   |       |      |      |      |     |  |  |  |
|             |        |      | (40)        | (100) | (300) | (400) | (40)         | (150) | (350)  | (450)  | (200)                                    | (500)  | (900)                       | (1200)                      | 1321-3R750-B <sup>(2)</sup>  | 20                           | 735      |                   |       |      |      |      |     |  |  |  |
|             | 4      | 7.6  | 24.4        | 91.4  | 121.9 | 12.2  | 30.5         | 91.4  | 121.9  | 45.7   | 61.0                                     | 152.4  | 213.4                       | 1321-3R750-B <sup>(2)</sup> | 20                           | 1470                         |          |                   |       |      |      |      |     |  |  |  |
|             |        | (25) | (80)        | (300) | (400) | (40)  | (100)        | (300) | (400)  | (150)  | (200)                                    | (500)  | (700)                       | 1321-3R750-B <sup>(2)</sup> | 20                           | 1470                         |          |                   |       |      |      |      |     |  |  |  |
| 10          | 700    | 2    | 12.2        | 30.5  | 91.4  | 121.9 | 12.2         | 45.7  | 106.7  | 137.2  | 61.0                                     | 152.4  | 274.3                       | 365.8                       | 1321-3R850-B <sup>(2)</sup>  | 20                           | 735      |                   |       |      |      |      |     |  |  |  |
|             |        |      | (40)        | (100) | (300) | (400) | (40)         | (150) | (350)  | (450)  | (200)                                    | (500)  | (900)                       | (1200)                      | 1321-3R850-B <sup>(2)</sup>  | 20                           | 735      |                   |       |      |      |      |     |  |  |  |
| 4           | 7.6    | 24.4 | 91.4        | 121.9 | 12.2  | 30.5  | 91.4         | 121.9 | 45.7   | 61.0   | 152.4                                    | 213.4  | 1321-3R850-B <sup>(2)</sup> | 20                          | 1470                         |                              |          |                   |       |      |      |      |     |  |  |  |
|             | (25)   | (80) | (300)       | (400) | (40)  | (100) | (300)        | (400) | (150)  | (200)  | (500)                                    | (700)  | 1321-3R850-B <sup>(2)</sup> | 20                          | 1470                         |                              |          |                   |       |      |      |      |     |  |  |  |

(1) Requires two parallel cables.  
 (2) Requires three parallel cables.

**Table 32 - PowerFlex 70 (standard/enhanced) and 700 (standard/vector) Drives, 600V Shielded/Unshielded Cable – Meters (Feet)**

| Drive Frame |     | Rating |            | No Solution |             | Reactor Only |              | 1321-RWR     |               | RWR<br>(see page 163) | Available Options |      |      |     |   |
|-------------|-----|--------|------------|-------------|-------------|--------------|--------------|--------------|---------------|-----------------------|-------------------|------|------|-----|---|
| 70          | 700 | Hp     | kHz        | 1488V       | 1850V       | 1488V        | 1850V        | 1488V        | 1850V         | Cat. No.              | TFA1              | TFB2 | RWR2 | RWC |   |
| A           | 0   | 1      | 2          | 42.7 (140)  | 121.9 (400) | 121.9 (400)  | 121.9 (400)  | 121.9 (400)  | 121.9 (400)   |                       | •                 |      | •    | •   |   |
|             |     |        | 4          | 30.5 (100)  | 121.9 (400) | 30.5 (100)   | 121.9 (400)  | 121.9 (400)  | 121.9 (400)   |                       |                   |      | •    | •   |   |
|             |     | 2      | 2          | 42.7 (140)  | 152.4 (500) | 152.4 (500)  | 152.4 (500)  | 152.4 (500)  | 152.4 (500)   | 152.4 (500)           |                   | •    |      | •   | • |
|             |     |        | 4          | 30.5 (100)  | 137.2 (450) | 30.5 (100)   | 152.4 (500)  | 152.4 (500)  | 152.4 (500)   |                       |                   |      |      | •   | • |
| B           |     | 3      | 2          | 42.7 (140)  | 152.4 (500) | 152.4 (500)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)   |                       | •                 |      | •    | •   |   |
|             |     |        | 4          | 30.5 (100)  | 137.2 (450) | 30.5 (100)   | 152.4 (500)  | 182.9 (600)  | 182.9 (600)   |                       |                   |      |      | •   | • |
|             |     | 5      | 2          | 42.7 (140)  | 152.4 (500) | 152.4 (500)  | 243.8 (800)  | 243.8 (800)  | 243.8 (800)   | 1321-RWR8-EP          | •                 |      |      | •   | • |
|             |     |        | 4          | 30.5 (100)  | 137.2 (450) | 30.5 (100)   | 152.4 (500)  | 243.8 (800)  | 243.8 (800)   | 1321-RWR8-EP          |                   |      |      | •   | • |
| C           |     | 7.5    | 2          | 42.7 (140)  | 152.4 (500) | 152.4 (500)  | 304.8 (1000) | 304.8 (1000) | 304.8 (1000)  | 1321-RWR12-EP         |                   |      |      | •   |   |
|             |     |        | 4          | 30.5 (100)  | 137.2 (450) | 30.5 (100)   | 152.4 (500)  | 304.8 (1000) | 304.8 (1000)  | 1321-RWR12-EP         |                   |      |      |     | • |
|             | 1   | 10     | 2          | 42.7 (140)  | 182.9 (600) | 152.4 (500)  | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)  | 1321-RWR12-EP         |                   |      |      |     | • |
|             |     |        | 4          | 30.5 (100)  | 137.2 (450) | 30.5 (100)   | 152.4 (500)  | 304.8 (1000) | 365.8 (1200)  | 1321-RWR12-EP         |                   |      |      |     | • |
| D           |     | 15     | 2          | 42.7 (140)  | 182.9 (600) | 152.4 (500)  | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)  | 1321-RWR18-EP         |                   |      |      |     |   |
|             |     |        | 4          | 30.5 (100)  | 137.2 (450) | 30.5 (100)   | 152.4 (500)  | 304.8 (1000) | 365.8 (1200)  | 1321-RWR18-EP         |                   |      |      |     |   |
|             |     | 20     | 2          | 42.7 (140)  | 182.9 (600) | 152.4 (500)  | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)  | 1321-RWR25-EP         |                   |      | •    |     |   |
|             |     |        | 4          | 30.5 (100)  | 137.2 (450) | 30.5 (100)   | 152.4 (500)  | 304.8 (1000) | 365.8 (1200)  | 1321-RWR25-EP         |                   |      |      |     |   |
|             | 25  | 2      | 42.7 (140) | 182.9 (600) | 152.4 (500) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR35-EP |                       |                   | •    |      |     |   |
|             |     | 4      | 30.5 (100) | 137.2 (450) | 30.5 (100)  | 152.4 (500)  | 304.8 (1000) | 365.8 (1200) | 1321-RWR35-EP |                       |                   |      |      |     |   |
| E           |     | 30     | 2          | 42.7 (140)  | 182.9 (600) | 152.4 (500)  | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)  | 1321-RWR35-EP         |                   |      | •    |     |   |
|             |     |        | 4          | 30.5 (100)  | 137.2 (450) | 36.6 (120)   | 152.4 (500)  | 304.8 (1000) | 365.8 (1200)  | 1321-RWR35-EP         |                   |      |      |     |   |
|             |     | 40     | 2          | 42.7 (140)  | 182.9 (600) | 152.4 (500)  | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)  | 1321-RWR45-EP         |                   |      | •    |     |   |
|             |     |        | 4          | 30.5 (100)  | 137.2 (450) | 36.6 (120)   | 152.4 (500)  | 304.8 (1000) | 365.8 (1200)  | 1321-RWR45-EP         |                   |      |      |     |   |
|             | 50  | 2      | 42.7 (140) | 182.9 (600) | 152.4 (500) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR55-EP |                       |                   | •    |      |     |   |
|             |     | 4      | 36.6 (120) | 137.2 (450) | 45.7 (150)  | 152.4 (500)  | 304.8 (1000) | 365.8 (1200) | 1321-RWR55-EP |                       |                   |      |      |     |   |

**Table 32 - PowerFlex 70 (standard/enhanced) and 700 (standard/vector) Drives, 600V Shielded/Unshielded Cable – Meters (Feet) (continued)**

| Drive Frame |     | Rating |     | No Solution |             | Reactor Only |             | 1321-RWR     |              | RWR<br>(see <a href="#">page 163</a> ) | Available Options |               |      |     |  |
|-------------|-----|--------|-----|-------------|-------------|--------------|-------------|--------------|--------------|--|-------------------|---------------|------|-----|--|
| 70          | 700 | Hp     | kHz | 1488V       | 1850V       | 1488V        | 1850V       | 1488V        | 1850V        | Cat. No.                               | TFA1              | TFB2          | RWR2 | RWC |  |
|             |     | 4      | 60  | 2           |             | 42.7 (140)   | 182.9 (600) | 152.4 (500)  | 365.8 (1200) | 365.8 (1200)                           | 365.8 (1200)      | 1321-RWR80-EP |      | •   |  |
| 4           |     |        |     | 36.6 (120)  | 137.2 (450) | 45.7 (150)   | 152.4 (500) | 274.3 (900)  | 365.8 (1200) | 1321-RWR80-EP                          |                   |               |      |     |  |
| 5           | 75  |        | 2   |             | 42.7 (140)  | 182.9 (600)  | 152.4 (500) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                           | 1321-RWR80-EP     |               | •    |     |  |
|             |     |        | 4   |             | 36.6 (120)  | 137.2 (450)  | 45.7 (150)  | 152.4 (500)  | 274.3 (900)  | 365.8 (1200)                           | 1321-RWR80-EP     |               |      |     |  |
|             | 100 |        | 2   |             | 42.7 (140)  | 182.9 (600)  | 152.4 (500) | 304.8 (1000) | 365.8 (1200) | 365.8 (1200)                           | 1321-RWR100-EP    |               | •    |     |  |
|             |     |        | 4   |             | 42.7 (140)  | 137.2 (450)  | 45.7 (150)  | 152.4 (500)  | 274.3 (900)  | 365.8 (1200)                           | 1321-RWR100-EP    |               |      |     |  |
| 6           | 125 |        | 2   |             | 42.7 (140)  | 182.9 (600)  | 121.9 (400) | 304.8 (1000) | 365.8 (1200) | 365.8 (1200)                           | 1321-RWR130-EP    |               | •    |     |  |
|             |     |        | 4   |             | 42.7 (140)  | 137.2 (450)  | 45.7 (150)  | 152.4 (500)  | 228.6 (750)  | 365.8 (1200)                           | 1321-RWR130-EP    |               |      |     |  |
|             | 150 |        | 2   |             | 42.7 (140)  | 182.9 (600)  | 121.9 (400) | 304.8 (1000) | 365.8 (1200) | 365.8 (1200)                           | 1321-RWR160-EP    |               | •    |     |  |
|             |     |        | 4   |             | 42.7 (140)  | 137.2 (450)  | 45.7 (150)  | 152.4 (500)  | 198.1 (650)  | 365.8 (1200)                           | 1321-RWR160-EP    |               |      |     |  |

**Table 33 - PowerFlex 700 (standard/vector) Drives, 690V Shielded/Unshielded Cable – Meters (Feet)**

| Drive |     |     | No Solution |             | Reactor Only |             | Reactor and Damping Resistor |              | Reactor      | Resistor |       | Available Options |      |      |     |
|-------|-----|-----|-------------|-------------|--------------|-------------|------------------------------|--------------|--------------|----------|-------|-------------------|------|------|-----|
| Frame | kW  | kHz | 1850V       | 2000V       | 1850V        | 2000V       | 1850V                        | 2000V        | Cat. No.     | Ohms     | Watts | TFA1              | TFB2 | RWR2 | RWC |
| 4     | 45  | 2   | 30.5 (100)  | 106.7 (350) | 91.4 (300)   | 152.4 (500) | 365.8 (1200)                 | 365.8 (1200) | 1321-3R80-C  | 50       | 345   |                   |      |      |     |
|       |     | 4   | 24.4 (80)   | 76.2 (250)  | 36.6 (120)   | 121.9 (400) | 213.4 (700)                  | 274.3 (900)  | 1321-3R80-C  | 50       | 690   |                   |      |      |     |
|       | 55  | 2   | 30.5 (100)  | 106.7 (350) | 91.4 (300)   | 152.4 (500) | 365.8 (1200)                 | 365.8 (1200) | 1321-3R80-C  | 50       | 345   |                   |      |      |     |
|       |     | 4   | 24.4 (80)   | 76.2 (250)  | 36.6 (120)   | 106.7 (350) | 213.4 (700)                  | 274.3 (900)  | 1321-3R80-C  | 50       | 690   |                   |      |      |     |
| 5     | 75  | 2   | 30.5 (100)  | 106.7 (350) | 91.4 (300)   | 152.4 (500) | 365.8 (1200)                 | 365.8 (1200) | 1321-3R100-C | 50       | 345   |                   |      |      |     |
|       |     | 4   | 30.5 (100)  | 76.2 (250)  | 36.6 (120)   | 106.7 (350) | 213.4 (700)                  | 274.3 (900)  | 1321-3R100-C | 50       | 690   |                   |      |      |     |
|       | 90  | 2   | 30.5 (100)  | 106.7 (350) | 91.4 (300)   | 152.4 (500) | 365.8 (1200)                 | 365.8 (1200) | 1321-3R130-C | 50       | 375   |                   |      |      |     |
|       |     | 4   | 30.5 (100)  | 76.2 (250)  | 36.6 (120)   | 106.7 (350) | 182.9 (600)                  | 274.3 (900)  | 1321-3R130-C | 50       | 750   |                   |      |      |     |
| 6     | 110 | 2   | 30.5 (100)  | 106.7 (350) | 91.4 (300)   | 152.4 (500) | 365.8 (1200)                 | 365.8 (1200) | 1321-3R160-C | 50       | 375   |                   |      |      |     |
|       |     | 4   | 30.5 (100)  | 76.2 (250)  | 36.6 (120)   | 99.1 (325)  | 152.4 (500)                  | 274.3 (900)  | 1321-3R160-C | 50       | 750   |                   |      |      |     |
|       | 132 | 2   | 30.5 (100)  | 106.7 (350) | 91.4 (300)   | 152.4 (500) | 365.8 (1200)                 | 365.8 (1200) | 1321-3R200-C | 50       | 375   |                   |      |      |     |
|       |     | 4   | 30.5 (100)  | 76.2 (250)  | 36.6 (120)   | 83.8 (275)  | 152.4 (500)                  | 274.3 (900)  | 1321-3R200-C | 50       | 750   |                   |      |      |     |

# PowerFlex 700H Drives

This section lists motor cable length restrictions, reactors, and available options for PowerFlex 700H drives.

**Table 34 - PowerFlex 700H Drives, 400V Shielded/Unshielded Cable – Meters (Feet)**

| Drive             |                    |     | No Solution |            |            |             | Reactor Only |            |              |              | Reactor and Damping Resistor or 1321-RWR |             |              |              | Reactor/RWR (see page 163) | Resistor |                    | Available Options |      |      |     |
|-------------------|--------------------|-----|-------------|------------|------------|-------------|--------------|------------|--------------|--------------|--|-------------|--------------|--------------|----------------------------|----------|--------------------|-------------------|------|------|-----|
| Frame             | kW                 | kHz | 1000V       | 1200V      | 1488V      | 1600V       | 1000V        | 1200V      | 1488V        | 1600V        | 1000V                                    | 1200V       | 1488V        | 1600V        | Cat. No.                   | Ohms     | Watts              | TFA1              | TFB2 | RWR2 | RWC |
| 9                 | 132                | 2   | 24.4 (80)   | 48.8 (160) | 76.2 (250) | 137.2 (450) | 24.4 (80)    | 48.8 (160) | 365.8 (1200) | 365.8 (1200) | 121.9 (400)                              | 274.3 (900) | 365.8 (1200) | 365.8 (1200) | 1321-RWR320-DP             |          |                    |                   | •    |      |     |
|                   | 160                | 2   | 24.4 (80)   | 48.8 (160) | 76.2 (250) | 137.2 (450) | 24.4 (80)    | 48.8 (160) | 365.8 (1200) | 365.8 (1200) | 121.9 (400)                              | 274.3 (900) | 365.8 (1200) | 365.8 (1200) | 1321-RWR320-DP             |          |                    |                   | •    |      |     |
| 10                | 200                | 2   | 24.4 (80)   | 48.8 (160) | 76.2 (250) | 121.9 (400) | 24.4 (80)    | 48.8 (160) | 365.8 (1200) | 365.8 (1200) | 121.9 (400)                              | 274.3 (900) | 365.8 (1200) | 365.8 (1200) | 1321-3R500-B               | 20       | 495 <sup>(3)</sup> |                   | •    |      |     |
|                   | 250                | 2   | 24.4 (80)   | 48.8 (160) | 61.0 (200) | 121.9 (400) | 24.4 (80)    | 48.8 (160) | 365.8 (1200) | 365.8 (1200) | 121.9 (400)                              | 274.3 (900) | 365.8 (1200) | 365.8 (1200) | 1321-3R500-B               | 20       | 495 <sup>(3)</sup> |                   | •    |      |     |
| 11                | 315                | 2   | 18.3 (60)   | 42.7 (140) | 61.0 (200) | 121.9 (400) | 18.3 (60)    | 42.7 (140) | 365.8 (1200) | 365.8 (1200) | 121.9 (400)                              | 243.8 (800) | 365.8 (1200) | 365.8 (1200) | 1321-3R600-B               | 20       | 495 <sup>(3)</sup> |                   | •    |      |     |
|                   | 355                | 2   | 18.3 (60)   | 42.7 (140) | 61.0 (200) | 121.9 (400) | 18.3 (60)    | 42.7 (140) | 304.8 (1000) | 365.8 (1200) | 121.9 (400)                              | 243.8 (800) | 365.8 (1200) | 365.8 (1200) | 1321-3R750-B               | 20       | 495 <sup>(3)</sup> |                   | •    |      |     |
|                   | 400                | 2   | 18.3 (60)   | 42.7 (140) | 61.0 (200) | 121.9 (400) | 18.3 (60)    | 42.7 (140) | 274.3 (900)  | 365.8 (1200) | 121.9 (400)                              | 243.8 (800) | 365.8 (1200) | 365.8 (1200) | 1321-3R750-B               | 20       | 735 <sup>(4)</sup> |                   | •    |      |     |
| 12 <sup>(1)</sup> | 450                | 2   | 18.3 (60)   | 42.7 (140) | 61.0 (200) | 121.9 (400) | 18.3 (60)    | 42.7 (140) | 243.8 (800)  | 365.8 (1200) | 121.9 (400)                              | 243.8 (800) | 365.8 (1200) | 365.8 (1200) | 2 x 1321-3RB400-B          | 40       | 375 <sup>(4)</sup> |                   | •    |      |     |
|                   | 500                | 2   | 12.2 (40)   | 42.7 (140) | 61.0 (200) | 121.9 (400) | 18.3 (60)    | 42.7 (140) | 243.8 (800)  | 365.8 (1200) | 121.9 (400)                              | 243.8 (800) | 365.8 (1200) | 365.8 (1200) | 2 x 1321-3R500-B           | 40       | 375 <sup>(4)</sup> |                   | •    |      |     |
|                   | 560                | 2   | 12.2 (40)   | 42.7 (140) | 61.0 (200) | 121.9 (400) | 18.3 (60)    | 42.7 (140) | 243.8 (800)  | 365.8 (1200) | 121.9 (400)                              | 243.8 (800) | 365.8 (1200) | 365.8 (1200) | 2 x 1321-3R500-B           | 20       | 525 <sup>(5)</sup> |                   |      |      |     |
| 13                | 630 <sup>(2)</sup> | 2   | 12.2 (40)   | 61.0 (200) | 99.1 (325) | 167.6 (550) | 36.6 (120)   | 61.0 (200) | 304.8 (1000) | 365.8 (1200) | 198.1 (650)                              | 274.3 (900) | 365.8 (1200) | 365.8 (1200) | 2 x 1321-3R600-B           | 20       | 525 <sup>(5)</sup> |                   |      |      |     |
|                   | 710 <sup>(2)</sup> | 2   | 12.2 (40)   | 61.0 (200) | 99.1 (325) | 167.6 (550) | 36.6 (120)   | 61.0 (200) | 304.8 (1000) | 365.8 (1200) | 198.1 (650)                              | 274.3 (900) | 365.8 (1200) | 365.8 (1200) | 2 x 1321-3R750-B           | 20       | 525 <sup>(5)</sup> |                   |      |      |     |
|                   | 800 <sup>(2)</sup> | 2   | 12.2 (40)   | 61.0 (200) | 99.1 (325) | 167.6 (550) | 36.6 (120)   | 61.0 (200) | 304.8 (1000) | 365.8 (1200) | 198.1 (650)                              | 274.3 (900) | 365.8 (1200) | 365.8 (1200) | 2 x 1321-3R750-B           | 20       | 525 <sup>(5)</sup> |                   |      |      |     |

- (1) Frame 12 drives have dual inverters and require two output reactors. The resistor ratings are per phase values for each reactor.
- (2) Some Frame 13 drives require two output reactors to match drive amp rating. The resistor ratings are per phase values for each reactor.
- (3) Resistor specification is based on two cables per phase.
- (4) Resistor specification is based on three cables per phase.
- (5) Resistor specification is based on four cables per phase.

**Table 35 - PowerFlex 700H Drives, 480V Shielded/Unshielded Cable – Meters (Feet)**

| Drive |     |     | No Solution |           |            |            | Reactor Only |           |             |             | Reactor and Damping Resistor or 1321-RWR |             |              |              | Reactor/RWR (see page 163) | Resistor |                    | Available Options |      |      |     |
|-------|-----|-----|-------------|-----------|------------|------------|--------------|-----------|-------------|-------------|--|-------------|--------------|--------------|----------------------------|----------|--------------------|-------------------|------|------|-----|
| Frame | Hp  | kHz | 1000V       | 1200V     | 1488V      | 1600V      | 1000V        | 1200V     | 1488V       | 1600V       | 1000V                                    | 1200V       | 1488V        | 1600V        | Cat. No.                   | Ohms     | Watts              | TFA1              | TFB2 | RWR2 | RWC |
| 9     | 200 | 2   | 12.2 (40)   | 24.4 (80) | 42.7 (140) | 76.2 (250) | 12.2 (40)    | 24.4 (80) | 106.7 (350) | 152.4 (500) | 61.0 (200)                               | 167.6 (550) | 304.8 (1000) | 365.8 (1200) | 1321-RWR320-DP             |          |                    |                   | •    |      |     |
|       | 250 | 2   | 12.2 (40)   | 24.4 (80) | 42.7 (140) | 76.2 (250) | 12.2 (40)    | 24.4 (80) | 91.4 (300)  | 121.9 (400) | 61.0 (200)                               | 152.4 (500) | 304.8 (1000) | 365.8 (1200) | 1321-RWR320-DP             |          |                    |                   | •    |      |     |
| 10    | 300 | 2   | 12.2 (40)   | 24.4 (80) | 42.7 (140) | 76.2 (250) | 12.2 (40)    | 24.4 (80) | 76.2 (250)  | 91.4 (300)  | 61.0 (200)                               | 121.9 (400) | 304.8 (1000) | 365.8 (1200) | 1321-3RB400-B              | 20       | 495 <sup>(3)</sup> |                   | •    |      |     |
|       | 350 | 2   | 12.2 (40)   | 24.4 (80) | 42.7 (140) | 76.2 (250) | 12.2 (40)    | 24.4 (80) | 76.2 (250)  | 91.4 (300)  | 61.0 (200)                               | 121.9 (400) | 304.8 (1000) | 365.8 (1200) | 1321-3R500-B               | 20       | 495 <sup>(3)</sup> |                   | •    |      |     |
|       | 450 | 2   | 12.2 (40)   | 24.4 (80) | 36.6 (120) | 61.0 (200) | 12.2 (40)    | 24.4 (80) | 61.0 (200)  | 91.4 (300)  | 61.0 (200)                               | 121.9 (400) | 274.3 (900)  | 365.8 (1200) | 1321-3R500-B               | 20       | 495 <sup>(3)</sup> |                   | •    |      |     |
| 11    | 500 | 2   | 12.2 (40)   | 24.4 (80) | 36.6 (120) | 61.0 (200) | 12.2 (40)    | 24.4 (80) | 61.0 (200)  | 91.4 (300)  | 61.0 (200)                               | 121.9 (400) | 243.8 (800)  | 365.8 (1200) | 1321-3R750-B               | 20       | 495 <sup>(3)</sup> |                   | •    |      |     |
|       | 600 | 2   | 12.2 (40)   | 24.4 (80) | 36.6 (120) | 61.0 (200) | 12.2 (40)    | 24.4 (80) | 45.7 (150)  | 91.4 (300)  | 45.7 (150)                               | 121.9 (400) | 243.8 (800)  | 365.8 (1200) | 1321-3R750-B               | 20       | 735 <sup>(4)</sup> |                   | •    |      |     |

**Table 35 - PowerFlex 700H Drives, 480V Shielded/Unshielded Cable – Meters (Feet) (continued)**

| Drive             |                     |     | No Solution |            |            |             | Reactor Only |            |            |             | Reactor and Damping Resistor or 1321-RWR |             |              |              | Reactor/RWR (see page 163) | Resistor |                    | Available Options |     |      |     |
|-------------------|---------------------|-----|-------------|------------|------------|-------------|--------------|------------|------------|-------------|--|-------------|--------------|--------------|----------------------------|----------|--------------------|-------------------|-----|------|-----|
| Frame             | Hp                  | kHz | 1000V       | 1200V      | 1488V      | 1600V       | 1000V        | 1200V      | 1488V      | 1600V       | 1000V                                    | 1200V       | 1488V        | 1600V        | Cat. No.                   | Ohms     | Watts              | TF1               | TF2 | RWR2 | RWC |
| 12 <sup>(1)</sup> | 700                 | 2   | 12.2 (40)   | 24.4 (80)  | 36.6 (120) | 61.0 (200)  | 12.2 (40)    | 24.4 (80)  | 45.7 (150) | 91.4 (300)  | 45.7 (150)                               | 106.7 (350) | 243.8 (800)  | 365.8 (1200) | 2 x 1321-3RB400-B          | 40       | 375 <sup>(4)</sup> |                   | •   |      |     |
|                   | 800                 | 2   | 12.2 (40)   | 24.4 (80)  | 36.6 (120) | 61.0 (200)  | 12.2 (40)    | 24.4 (80)  | 45.7 (150) | 91.4 (300)  | 45.7 (150)                               | 106.7 (350) | 243.8 (800)  | 365.8 (1200) | 2 x 1321-3R500-B           | 40       | 375 <sup>(4)</sup> |                   | •   |      |     |
|                   | 900                 | 2   | 12.2 (40)   | 24.4 (80)  | 36.6 (120) | 61.0 (200)  | 12.2 (40)    | 24.4 (80)  | 45.7 (150) | 91.4 (300)  | 45.7 (150)                               | 106.7 (350) | 243.8 (800)  | 365.8 (1200) | 2 x 1321-3R500-B           | 20       | 525 <sup>(5)</sup> |                   |     |      |     |
| 13                | 1000 <sup>(2)</sup> | 2   | 12.2 (40)   | 30.5 (100) | 61.0 (200) | 121.9 (400) | 12.2 (40)    | 45.7 (150) | 61.0 (200) | 121.9 (400) | 45.7 (150)                               | 152.4 (500) | 304.8 (1000) | 365.8 (1200) | 2 x 1321-3R600-B           | 20       | 525 <sup>(5)</sup> |                   |     |      |     |
|                   | 1200 <sup>(2)</sup> | 2   | 12.2 (40)   | 30.5 (100) | 61.0 (200) | 121.9 (400) | 12.2 (40)    | 45.7 (150) | 61.0 (200) | 121.9 (400) | 45.7 (150)                               | 152.4 (500) | 304.8 (1000) | 365.8 (1200) | 2 x 1321-3R750-B           | 20       | 525 <sup>(5)</sup> |                   |     |      |     |
|                   | 1250 <sup>(2)</sup> | 2   | 12.2 (40)   | 30.5 (100) | 61.0 (200) | 121.9 (400) | 12.2 (40)    | 45.7 (150) | 61.0 (200) | 121.9 (400) | 45.7 (150)                               | 152.4 (500) | 304.8 (1000) | 365.8 (1200) | 2 x 1321-3R750-B           | 20       | 525 <sup>(5)</sup> |                   |     |      |     |

- (1) Frame 12 drives have dual inverters and require two output reactors. The resistor ratings are per phase values for each reactor.
- (2) Some Frame 13 drives require two output reactors to match drive amp rating. The resistor ratings are per phase values for each reactor.
- (3) Resistor specification is based on two cables per phase.
- (4) Resistor specification is based on three cables per phase.
- (5) Resistor specification is based on four cables per phase.

**Table 36 - PowerFlex 700H Drives, 600V Shielded/Unshielded Cable – Meters (Feet)**

| Drive             |      |     | No Solution |            | Reactor Only |            | Reactor and Damping Resistor or 1321-RWR |              | Reactor/RWR (see page 163) | Resistor |                    | Available Options |     |      |     |
|-------------------|------|-----|-------------|------------|--------------|------------|--|--------------|----------------------------|----------|--------------------|-------------------|-----|------|-----|
| Frame             | Hp   | kHz | 1488V       | 1850V      | 1488V        | 1850V      | 1488V                                    | 1850V        | Cat. No.                   | Ohms     | Watts              | TF1               | TF2 | RWR2 | RWC |
| 9                 | 150  | 2   | 24.4 (80)   | 45.7 (150) | 61.0 (200)   | 91.4 (300) | 198.1 (650)                              | 365.8 (1200) | 1321-RWR200-EP             |          |                    |                   | •   |      |     |
|                   | 200  | 2   | 24.4 (80)   | 45.7 (150) | 61.0 (200)   | 91.4 (300) | 198.1 (600)                              | 365.8 (1200) | 1321-RWR250-EP             |          |                    |                   | •   |      |     |
| 10                | 250  | 2   | 24.4 (80)   | 45.7 (150) | 61.0 (200)   | 91.4 (300) | 167.6 (550)                              | 365.8 (1200) | 1321-3RB250-B              | 50       | 315                |                   | •   |      |     |
|                   | 350  | 2   | 24.4 (80)   | 45.7 (150) | 61.0 (200)   | 91.4 (300) | 167.6 (550)                              | 365.8 (1200) | 1321-3RB350-B              | 20       | 585 <sup>(3)</sup> |                   | •   |      |     |
|                   | 400  | 2   | 24.4 (80)   | 45.7 (150) | 61.0 (200)   | 91.4 (300) | 167.6 (550)                              | 365.8 (1200) | 1321-3RB400-B              | 20       | 585 <sup>(3)</sup> |                   | •   |      |     |
|                   | 450  | 2   | 24.4 (80)   | 45.7 (150) | 61.0 (200)   | 91.4 (300) | 167.6 (550)                              | 365.8 (1200) | 1321-3R500-B               | 20       | 585 <sup>(3)</sup> |                   | •   |      |     |
| 11                | 500  | 2   | 24.4 (80)   | 45.7 (150) | 61.0 (200)   | 91.4 (300) | 167.6 (550)                              | 365.8 (1200) | 1321-3R500-B               | 20       | 585 <sup>(3)</sup> |                   | •   |      |     |
|                   | 600  | 2   | 24.4 (80)   | 45.7 (150) | 61.0 (200)   | 91.4 (300) | 152.4 (500)                              | 365.8 (1200) | 1321-3R600-B               | 20       | 585 <sup>(3)</sup> |                   | •   |      |     |
| 12 <sup>(1)</sup> | 700  | 2   | 24.4 (80)   | 45.7 (150) | 61.0 (200)   | 91.4 (300) | 152.4 (500)                              | 365.8 (1200) | 2 x 1321-3RB320-B          | 40       | 300 <sup>(3)</sup> |                   | •   |      |     |
|                   | 800  | 2   | 24.4 (80)   | 45.7 (150) | 61.0 (200)   | 91.4 (300) | 152.4 (500)                              | 365.8 (1200) | 2 x 1321-3RB400-C          | 40       | 480 <sup>(4)</sup> |                   | •   |      |     |
|                   | 900  | 2   | 24.4 (80)   | 45.7 (150) | 61.0 (200)   | 91.4 (300) | 152.4 (500)                              | 365.8 (1200) | 2 x 1321-3R400-B           | 40       | 480 <sup>(4)</sup> |                   |     |      |     |
| 13 <sup>(2)</sup> | 1000 | 2   | 24.4 (80)   | 45.7 (150) | 61.0 (200)   | 91.4 (300) | 152.4 (500)                              | 365.8 (1200) | 2 x 1321-3R500-C           | 20       | 480 <sup>(4)</sup> |                   |     |      |     |
|                   | 1100 | 2   | 24.4 (80)   | 45.7 (150) | 61.0 (200)   | 91.4 (300) | 137.2 (450)                              | 365.8 (1200) | 2 x 1321-3R500-B           | 20       | 720 <sup>(5)</sup> |                   |     |      |     |
|                   | 1300 | 2   | 24.4 (80)   | 45.7 (150) | 61.0 (200)   | 91.4 (300) | 137.2 (450)                              | 365.8 (1200) | 2 x 1321-3R600-B           | 20       | 720 <sup>(5)</sup> |                   |     |      |     |

- (1) Frame 12 drives have dual inverters and require two output reactors. The resistor ratings are per phase values for each reactor.
- (2) Frame 13 drives require two output reactors to match drive amp rating. The resistor ratings are per phase values for each reactor.
- (3) Resistor specification is based on two parallel cables per phase.
- (4) Resistor specification is based on three parallel cables per phase.
- (5) Resistor specification is based on four parallel cables per phase.

**Table 37 - PowerFlex 700H Drives, 690V Shielded/Unshielded Cable – Meters (Feet)**

| Drive             |                     |     | No Solution |            | Reactor Only |            | Reactor and Damping Resistor |             | Reactor          | Resistor |                    | Available Options |     |      |     |
|-------------------|---------------------|-----|-------------|------------|--------------|------------|------------------------------|-------------|------------------|----------|--------------------|-------------------|-----|------|-----|
| Frame             | kW                  | kHz | 1850V       | 2000V      | 1850V        | 2000V      | 1850V                        | 2000V       | Cat. No.         | Ohms     | Watts              | TF1               | TF2 | RWR2 | RWC |
| 9                 | 160                 | 2   | 7.6 (25)    | 30.5 (100) | 7.6 (25)     | 30.5 (100) | 121.9 (400)                  | 137.2 (450) | 1321-3RB250-C    | 50       | 480                |                   |     |      |     |
|                   | 200                 | 2   | 7.6 (25)    | 30.5 (100) | 7.6 (25)     | 30.5 (100) | 121.9 (400)                  | 137.2 (450) | 1321-3RB250-C    | 50       | 480                |                   |     |      |     |
| 10                | 250                 | 2   | 7.6 (25)    | 30.5 (100) | 7.6 (25)     | 30.5 (100) | 121.9 (400)                  | 137.2 (450) | 1321-3RB400-C    | 50       | 480                |                   |     |      |     |
|                   | 315                 | 2   | 7.6 (25)    | 30.5 (100) | 7.6 (25)     | 30.5 (100) | 121.9 (400)                  | 152.4 (500) | 1321-3RB400-C    | 20       | 960 <sup>(3)</sup> |                   |     |      |     |
|                   | 355                 | 2   | 7.6 (25)    | 30.5 (100) | 7.6 (25)     | 30.5 (100) | 121.9 (400)                  | 152.4 (500) | 1321-3R500-C     | 20       | 960 <sup>(3)</sup> |                   |     |      |     |
|                   | 400                 | 2   | 7.6 (25)    | 30.5 (100) | 7.6 (25)     | 30.5 (100) | 121.9 (400)                  | 152.4 (500) | 1321-3R500-C     | 20       | 960 <sup>(3)</sup> |                   |     |      |     |
| 11                | 450                 | 2   | 7.6 (25)    | 30.5 (100) | 7.6 (25)     | 30.5 (100) | 121.9 (400)                  | 152.4 (500) | 1321-3R750-C     | 20       | 960 <sup>(3)</sup> |                   |     |      |     |
|                   | 500                 | 2   | 7.6 (25)    | 30.5 (100) | 7.6 (25)     | 30.5 (100) | 121.9 (400)                  | 152.4 (500) | 1321-3R750-C     | 20       | 960 <sup>(3)</sup> |                   |     |      |     |
|                   | 560                 | 2   | 7.6 (25)    | 30.5 (100) | 7.6 (25)     | 30.5 (100) | 121.9 (400)                  | 152.4 (500) | 1321-3R850-C     | 20       | 960 <sup>(3)</sup> |                   |     |      |     |
| 12 <sup>(1)</sup> | 630                 | 2   | 7.6 (25)    | 30.5 (100) | 7.6 (25)     | 30.5 (100) | 121.9 (400)                  | 152.4 (500) | 2 x 1321-3R600-C | 40       | 480 <sup>(4)</sup> |                   |     |      |     |
|                   | 710                 | 2   | 7.6 (25)    | 30.5 (100) | 7.6 (25)     | 30.5 (100) | 121.9 (400)                  | 152.4 (500) | 2 x 1321-3R600-C | 40       | 645 <sup>(4)</sup> |                   |     |      |     |
|                   | 800                 | 2   | 7.6 (25)    | 30.5 (100) | 7.6 (25)     | 30.5 (100) | 121.9 (400)                  | 152.4 (500) | 2 x 1321-3R750-C | 40       | 645 <sup>(4)</sup> |                   |     |      |     |
| 13                | 900                 | 2   | 7.6 (25)    | 30.5 (100) | 7.6 (25)     | 30.5 (100) | 121.9 (400)                  | 152.4 (500) | 2 x 1321-3R600-C | 40       | 645 <sup>(4)</sup> |                   |     |      |     |
|                   | 1000 <sup>(2)</sup> | 2   | 7.6 (25)    | 30.5 (100) | 7.6 (25)     | 30.5 (100) | 121.9 (400)                  | 152.4 (500) | 2 x 1321-3R600-C | 20       | 840 <sup>(5)</sup> |                   |     |      |     |
|                   | 1100 <sup>(2)</sup> | 2   | 7.6 (25)    | 30.5 (100) | 7.6 (25)     | 30.5 (100) | 121.9 (400)                  | 152.4 (500) | 2 x 1321-3R750-C | 20       | 840 <sup>(5)</sup> |                   |     |      |     |

- (1) Frame 12 drives have dual inverters and require two output reactors. The resistor ratings are per phase values for each reactor.
- (2) Some Frame 13 drives require two output reactors to match drive amp rating. The resistor ratings are per phase values for each reactor.
- (3) Resistor specification is based on two parallel cables per phase.
- (4) Resistor specification is based on three parallel cables per phase.
- (5) Resistor specification is based on four parallel cables per phase.

## PowerFlex 700L Drives

This section lists motor cable length restrictions, reactors, and available options for PowerFlex 700L drives.

**Table 38 - PowerFlex 700L Drives with 700VC Control, 400V Input Shielded/Unshielded Cable – Meters (Feet)**

| Drive |     |     | No Solution |            |             |             | Reactor Only |            |             |              | Reactor and Damping Resistor |             |              |              | Reactor                         | Resistor |       | Available Options |     |      |     |
|-------|-----|-----|-------------|------------|-------------|-------------|--------------|------------|-------------|--------------|------------------------------|-------------|--------------|--------------|---------------------------------|----------|-------|-------------------|-----|------|-----|
| Frame | kW  | kHz | 1000V       | 1200V      | 1488V       | 1600V       | 1000V        | 1200V      | 1488V       | 1600V        | 1000V                        | 1200V       | 1488V        | 1600V        | Cat. No.                        | Ohms     | Watts | TF1               | TF2 | RWR2 | RWC |
| 2     | 200 | 2   | 24.4 (80)   | 91.4 (300) | 152.4 (500) | 213.4 (700) | 30.5 (100)   | 76.2 (250) | 228.6 (750) | 365.8 (1200) | 152.4 (500)                  | 274.3 (900) | 365.8 (1200) | 365.8 (1200) | 1321-3R400-B <sup>(1)</sup>     | 20       | 495   |                   | •   |      |     |
|       |     | 4   | 24.4 (80)   | 91.4 (300) | 121.9 (400) | 152.4 (500) | 18.3 (60)    | 76.2 (250) | 137.2 (450) | 182.9 (600)  | 76.2 (250)                   | 137.2 (450) | 274.3 (900)  | 365.8 (1200) | 1321-3R400-B <sup>(1)</sup>     | 20       | 990   |                   |     |      |     |
| 3A    | 370 | 2   | 24.4 (80)   | 91.4 (300) | 152.4 (500) | 213.4 (700) | 30.5 (100)   | 76.2 (250) | 228.6 (750) | 365.8 (1200) | 152.4 (500)                  | 274.3 (900) | 365.8 (1200) | 365.8 (1200) | 1321-3R750-B <sup>(1)</sup>     | 20       | 735   |                   | •   |      |     |
|       |     | 4   | 24.4 (80)   | 91.4 (300) | 121.9 (400) | 152.4 (500) | 18.3 (60)    | 76.2 (250) | 137.2 (450) | 182.9 (600)  | 76.2 (250)                   | 137.2 (450) | 274.3 (900)  | 365.8 (1200) | 1321-3R750-B <sup>(1)</sup>     | 20       | 1470  |                   |     |      |     |
| 3B    | 715 | 2   | 24.4 (80)   | 76.2 (250) | 129.5 (425) | 160.0 (525) | 91.4 (80)    | 76.2 (250) | 152.4 (500) | 228.6 (750)  | 152.4 (500)                  | 274.3 (900) | 365.8 (1200) | 365.8 (1200) | 2 x 1321-3R600-B <sup>(2)</sup> | 20       | 525   |                   |     |      |     |
|       |     | 4   | 18.3 (60)   | 76.2 (250) | 121.9 (400) | 152.4 (500) | 18.3 (60)    | 76.2 (250) | 121.9 (400) | 152.4 (500)  | 76.2 (250)                   | 137.2 (450) | 274.3 (900)  | 365.8 (1200) | 2 x 1321-3R600-B <sup>(2)</sup> | 20       | 1050  |                   |     |      |     |

- (1) Requires two parallel cables.
- (2) Requires four parallel cables.

**Table 39 - PowerFlex 700L Drives with 700VC Control, 480V Input Shielded/Unshielded Cable - Meters (Feet)**

| Drive |      |     | No Solution |            |            |             | Reactor Only |            |            |             | Reactor and Damping Resistor |             |             |              | Reactor                         | Resistor |       | Available Options |      |      |     |
|-------|------|-----|-------------|------------|------------|-------------|--------------|------------|------------|-------------|------------------------------|-------------|-------------|--------------|---------------------------------|----------|-------|-------------------|------|------|-----|
| Frame | Hp   | kHz | 1000V       | 1200V      | 1488V      | 1600V       | 1000V        | 1200V      | 1488V      | 1600V       | 1000V                        | 1200V       | 1488V       | 1600V        | Cat. No.                        | Ohms     | Watts | TFA1              | TFB2 | RWR2 | RWC |
| 2     | 300  | 2   | 12.2 (40)   | 30.5 (100) | 91.4 (300) | 121.9 (400) | 12.2 (40)    | 36.6 (120) | 99.1 (325) | 137.2 (450) | 61.0 (200)                   | 137.2 (450) | 274.3 (900) | 365.8 (1200) | 1321-3R400-B <sup>(1)</sup>     | 20       | 495   |                   | •    |      |     |
|       |      | 4   | 7.6 (25)    | 24.4 (80)  | 83.8 (275) | 114.3 (375) | 7.6 (25)     | 24.4 (80)  | 83.8 (275) | 114.3 (375) | 30.5 (100)                   | 61.0 (200)  | 152.4 (500) | 213.4 (700)  | 1321-3R400-B <sup>(1)</sup>     | 20       | 990   |                   |      |      |     |
| 3A    | 600  | 2   | 12.2 (40)   | 30.5 (100) | 91.4 (300) | 121.9 (400) | 12.2 (40)    | 36.6 (120) | 99.1 (325) | 137.2 (450) | 61.0 (200)                   | 137.2 (450) | 274.3 (900) | 365.8 (1200) | 1321-3R750-B <sup>(1)</sup>     | 20       | 735   |                   | •    |      |     |
|       |      | 4   | 7.6 (25)    | 24.4 (80)  | 83.8 (275) | 114.3 (375) | 7.6 (25)     | 24.4 (80)  | 83.8 (275) | 114.3 (375) | 30.5 (100)                   | 61.0 (200)  | 152.4 (500) | 213.4 (700)  | 1321-3R750-B <sup>(1)</sup>     | 20       | 1470  |                   |      |      |     |
| 3B    | 1150 | 2   | 12.2 (40)   | 24.4 (80)  | 83.8 (275) | 114.3 (375) | 12.2 (40)    | 30.5 (100) | 91.4 (300) | 121.9 (400) | 61.0 (200)                   | 137.2 (450) | 274.3 (900) | 365.8 (1200) | 2 x 1321-3R600-B <sup>(2)</sup> | 20       | 525   |                   |      |      |     |
|       |      | 4   | 7.6 (25)    | 24.4 (80)  | 83.8 (275) | 114.3 (375) | 7.6 (25)     | 24.4 (80)  | 83.8 (275) | 114.3 (375) | 30.5 (100)                   | 61.0 (200)  | 152.4 (500) | 213.4 (700)  | 2 x 1321-3R600-B <sup>(2)</sup> | 20       | 1050  |                   |      |      |     |

- (1) Requires two parallel cables.
- (2) Requires four parallel cables.

**Table 40 - PowerFlex 700L Drives with 700VC Control, 600V Input Shielded/Unshielded Cable – Meters (Feet)**

| Drive |      |     | No Solution |             | Reactor Only |             | Reactor and Damping Resistor |              | Reactor                         | Resistor |       | Available Options |      |      |     |
|-------|------|-----|-------------|-------------|--------------|-------------|------------------------------|--------------|---------------------------------|----------|-------|-------------------|------|------|-----|
| Frame | Hp   | kHz | 1488V       | 1850V       | 1488V        | 1850V       | 1488V                        | 1850V        | Cat. No.                        | Ohms     | Watts | TFA1              | TFB2 | RWR2 | RWC |
| 3A    | 465  | 2   | 24.4 (80)   | 106.7 (350) | 24.4 (80)    | 365.8 (350) | 182.9 (600)                  | 365.8 (1200) | 1321-3R500-B <sup>(1)</sup>     | 20       | 585   |                   | •    |      |     |
|       |      | 4   | 18.3 (60)   | 61.0 (200)  | 18.3 (60)    | 61.0 (200)  | 76.2 (250)                   | 190.5 (625)  | 1321-3R500-B <sup>(1)</sup>     | 20       | 1170  |                   |      |      |     |
| 3B    | 870  | 2   | 18.3 (60)   | 91.4 (300)  | 18.3 (60)    | 91.4 (300)  | 152.4 (500)                  | 274.3 (900)  | 1321-3R850-B <sup>(2)</sup>     | 20       | 960   |                   |      |      |     |
|       |      | 4   | 18.3 (60)   | 61.0 (200)  | 18.3 (60)    | 61.0 (200)  | 53.3 (175)                   | 137.2 (450)  | 1321-3R850-B <sup>(2)</sup>     | 20       | 1920  |                   |      |      |     |
| 3B    | 1275 | 2   | 18.3 (60)   | 83.8 (275)  | 18.3 (60)    | 83.8 (275)  | 137.2 (450)                  | 274.3 (900)  | 2 x 1321-3R600-B <sup>(3)</sup> | 20       | 720   |                   |      |      |     |

- (1) Requires two parallel cables.
- (2) Requires three parallel cables.
- (3) Requires four parallel cables.

**Table 41 - PowerFlex 700L Drives with 700VC Control, 690V Input Shielded/Unshielded Cable – Meters (Feet)**

| Drive |     |     | No Solution |            | Reactor Only |            | Reactor and Damping Resistor |              | Reactor                         | Resistor |       | Available Options |      |      |     |
|-------|-----|-----|-------------|------------|--------------|------------|------------------------------|--------------|---------------------------------|----------|-------|-------------------|------|------|-----|
| Frame | kW  | kHz | 1488V       | 1850V      | 1488V        | 1850V      | 1488V                        | 1850V        | Cat. No.                        | Ohms     | Watts | TFA1              | TFB2 | RWR2 | RWC |
| 3A    | 355 | 2   | 24.4 (80)   | 45.7 (150) | 24.4 (80)    | 45.7 (150) | 228.6 (750)                  | 304.8 (1000) | 1321-3R500-C <sup>(1)</sup>     | 20       | 960   |                   | •    |      |     |
|       |     | 4   | 24.4 (80)   | 45.7 (150) | 24.4 (80)    | 45.7 (150) | 76.2 (250)                   | 121.9 (400)  | 1321-3R500-C <sup>(1)</sup>     | 20       | 1920  |                   |      |      |     |
| 3B    | 657 | 2   | 24.4 (80)   | 45.7 (150) | 24.4 (80)    | 45.7 (150) | 182.9 (600)                  | 228.6 (750)  | 1321-3R850-C <sup>(2)</sup>     | 20       | 1290  |                   |      |      |     |
|       |     | 4   | 24.4 (80)   | 45.7 (150) | 24.4 (80)    | 45.7 (150) | 76.2 (250)                   | 121.9 (400)  | 1321-3R850-C <sup>(2)</sup>     | 20       | 2580  |                   |      |      |     |
| 3B    | 980 | 2   | 24.4 (80)   | 45.7 (150) | 24.4 (80)    | 45.7 (150) | 182.9 (600)                  | 228.6 (750)  | 2 x 1321-3R600-C <sup>(3)</sup> | 20       | 840   |                   |      |      |     |

- (1) Requires two parallel cables.
- (2) Requires three parallel cables.
- (3) Requires four parallel cables.

**Table 42 - PowerFlex 700L Drives with 700S Control, 400V Input Shielded/Unshielded Cable – Meters (Feet)**

| Drive |     |     | No Solution  |               |               |                | Reactor Only  |               |                |                 | Reactor and Damping Resistor |                |                 |                 | Reactor                            | Resistor |       | Available Options |      |      |     |
|-------|-----|-----|--------------|---------------|---------------|----------------|---------------|---------------|----------------|-----------------|------------------------------|----------------|-----------------|-----------------|------------------------------------|----------|-------|-------------------|------|------|-----|
| Frame | kW  | kHz | 1000V        | 1200V         | 1488V         | 1600V          | 1000V         | 1200V         | 1488V          | 1600V           | 1000V                        | 1200V          | 1488V           | 1600V           | Cat. No.                           | Ohms     | Watts | TFA1              | TFB2 | RWR2 | RWC |
|       |     |     | (60)         | (225)         | (325)         | (550)          | (120)         | (225)         | (900)          | (1100)          | (500)                        | (900)          | (1200)          | (1200)          |                                    |          |       |                   |      |      |     |
| 2     | 200 | 2   | 18.3<br>(60) | 68.6<br>(225) | 99.1<br>(325) | 167.6<br>(550) | 36.6<br>(120) | 68.6<br>(225) | 274.3<br>(900) | 335.3<br>(1100) | 152.4<br>(500)               | 274.3<br>(900) | 365.8<br>(1200) | 365.8<br>(1200) | 1321-3R400-B <sup>(1)</sup>        | 20       | 495   |                   | •    |      |     |
|       |     | 4   | 18.3<br>(60) | 68.6<br>(225) | 99.1<br>(325) | 167.6<br>(550) | 36.6<br>(120) | 68.6<br>(225) | 274.3<br>(900) | 335.3<br>(1100) | 152.4<br>(500)               | 274.3<br>(900) | 365.8<br>(1200) | 365.8<br>(1200) | 1321-3R400-B <sup>(1)</sup>        | 20       | 990   |                   |      |      |     |
| 3A    | 370 | 2   | 18.3<br>(60) | 68.6<br>(225) | 99.1<br>(325) | 167.6<br>(550) | 36.6<br>(120) | 68.6<br>(225) | 274.3<br>(900) | 335.3<br>(1100) | 152.4<br>(500)               | 274.3<br>(900) | 365.8<br>(1200) | 365.8<br>(1200) | 1321-3R750-B <sup>(1)</sup>        | 20       | 735   |                   | •    |      |     |
|       |     | 4   | 18.3<br>(60) | 68.6<br>(225) | 99.1<br>(325) | 167.6<br>(550) | 36.6<br>(120) | 68.6<br>(225) | 274.3<br>(900) | 335.3<br>(1100) | 152.4<br>(500)               | 274.3<br>(900) | 365.8<br>(1200) | 365.8<br>(1200) | 1321-3R750-B <sup>(1)</sup>        | 20       | 1470  |                   |      |      |     |
| 3B    | 715 | 2   | 12.2<br>(40) | 68.6<br>(225) | 99.1<br>(325) | 167.6<br>(550) | 36.6<br>(120) | 68.6<br>(225) | 274.3<br>(900) | 335.3<br>(1100) | 152.4<br>(500)               | 274.3<br>(900) | 365.8<br>(1200) | 365.8<br>(1200) | 2 x<br>1321-3R600-B <sup>(2)</sup> | 20       | 525   |                   |      |      |     |
|       |     | 4   | 12.2<br>(40) | 68.6<br>(225) | 99.1<br>(325) | 167.6<br>(550) | 36.6<br>(120) | 68.6<br>(225) | 274.3<br>(900) | 335.3<br>(1100) | 152.4<br>(500)               | 274.3<br>(900) | 365.8<br>(1200) | 365.8<br>(1200) | 2 x<br>1321-3R600-B <sup>(2)</sup> | 20       | 1050  |                   |      |      |     |

- (1) Requires two parallel cables.
- (2) Requires four parallel cables.

**Table 43 - PowerFlex 700L Drives with 700S Control, 480V Input Shielded/Unshielded Cable – Meters (Feet)**

| Drive |      |     | No Solution  |               |               |                | Reactor Only |               |               |                | Reactor and Damping Resistor |                |                 |                 | Reactor                            | Resistor |       | Available Options |      |      |     |
|-------|------|-----|--------------|---------------|---------------|----------------|--------------|---------------|---------------|----------------|------------------------------|----------------|-----------------|-----------------|------------------------------------|----------|-------|-------------------|------|------|-----|
| Frame | Hp   | kHz | 1000V        | 1200V         | 1488V         | 1600V          | 1000V        | 1200V         | 1488V         | 1600V          | 1000V                        | 1200V          | 1488V           | 1600V           | Cat. No.                           | Ohms     | Watts | TFA1              | TFB2 | RWR2 | RWC |
|       |      |     | (40)         | (100)         | (200)         | (400)          | (40)         | (150)         | (200)         | (400)          | (200)                        | (700)          | (1000)          | (1200)          |                                    |          |       |                   |      |      |     |
| 2     | 300  | 2   | 12.2<br>(40) | 30.5<br>(100) | 61.0<br>(200) | 121.9<br>(400) | 12.2<br>(40) | 45.7<br>(150) | 61.0<br>(200) | 121.9<br>(400) | 61.0<br>(200)                | 213.4<br>(700) | 304.8<br>(1000) | 365.8<br>(1200) | 1321-3R400-B <sup>(1)</sup>        | 20       | 495   |                   | •    |      |     |
|       |      | 4   | 12.2<br>(40) | 30.5<br>(100) | 61.0<br>(200) | 121.9<br>(400) | 12.2<br>(40) | 45.7<br>(150) | 61.0<br>(200) | 121.9<br>(400) | 61.0<br>(200)                | 213.4<br>(700) | 304.8<br>(1000) | 365.8<br>(1200) | 1321-3R400-B <sup>(1)</sup>        | 20       | 990   |                   |      |      |     |
| 3A    | 600  | 2   | 12.2<br>(40) | 30.5<br>(100) | 61.0<br>(200) | 121.9<br>(400) | 12.2<br>(40) | 45.7<br>(150) | 61.0<br>(200) | 121.9<br>(400) | 61.0<br>(200)                | 213.4<br>(700) | 304.8<br>(1000) | 365.8<br>(1200) | 1321-3R750-B <sup>(1)</sup>        | 20       | 735   |                   | •    |      |     |
|       |      | 4   | 12.2<br>(40) | 30.5<br>(100) | 61.0<br>(200) | 121.9<br>(400) | 12.2<br>(40) | 45.7<br>(150) | 61.0<br>(200) | 121.9<br>(400) | 61.0<br>(200)                | 213.4<br>(700) | 304.8<br>(1000) | 365.8<br>(1200) | 1321-3R750-B <sup>(1)</sup>        | 20       | 1470  |                   |      |      |     |
| 3B    | 1150 | 2   | 12.2<br>(40) | 30.5<br>(100) | 61.0<br>(200) | 121.9<br>(400) | 12.2<br>(40) | 45.7<br>(150) | 61.0<br>(200) | 121.9<br>(400) | 45.7<br>(150)                | 152.4<br>(500) | 304.8<br>(1000) | 365.8<br>(1200) | 2 x<br>1321-3R600-B <sup>(2)</sup> | 20       | 525   |                   |      |      |     |
|       |      | 4   | 12.2<br>(40) | 30.5<br>(100) | 61.0<br>(200) | 121.9<br>(400) | 12.2<br>(40) | 45.7<br>(150) | 61.0<br>(200) | 121.9<br>(400) | 45.7<br>(150)                | 152.4<br>(500) | 304.8<br>(1000) | 365.8<br>(1200) | 2 x<br>1321-3R600-B <sup>(2)</sup> | 20       | 1050  |                   |      |      |     |

- (1) Requires two parallel cables.
- (2) Requires four parallel cables.

**Table 44 - PowerFlex 700L Drives with 700S Control, 600V Input Shielded/Unshielded Cable – Meters (Feet)**

| Drive |      |     | No Solution  |               | Reactor Only |               | Reactor and Damping Resistor |                 | Reactor                            | Resistor |       | Available Options |      |      |     |
|-------|------|-----|--------------|---------------|--------------|---------------|------------------------------|-----------------|------------------------------------|----------|-------|-------------------|------|------|-----|
| Frame | Hp   | kHz | 1488V        | 1850V         | 1488V        | 1850V         | 1488V                        | 1850V           | Cat. No.                           | Ohms     | Watts | TFA1              | TFB2 | RWR2 | RWC |
| 3A    | 465  | 2   | 18.3<br>(60) | 76.2<br>(250) | 18.3<br>(60) | 76.2<br>(250) | 182.9<br>(600)               | 304.8<br>(1000) | 1321-3R500-B <sup>(1)</sup>        | 20       | 585   |                   | •    |      |     |
|       |      | 4   | 18.3<br>(60) | 76.2<br>(250) | 18.3<br>(60) | 76.2<br>(250) | 182.9<br>(600)               | 304.8<br>(1000) | 1321-3R500-B <sup>(1)</sup>        | 20       | 1170  |                   |      |      |     |
| 3B    | 870  | 2   | 18.3<br>(60) | 61.0<br>(200) | 18.3<br>(60) | 61.0<br>(200) | 152.4<br>(500)               | 228.6<br>(750)  | 1321-3R850-B <sup>(2)</sup>        | 20       | 960   |                   |      |      |     |
|       |      | 4   | 18.3<br>(60) | 61.0<br>(200) | 18.3<br>(60) | 61.0<br>(200) | 152.4<br>(500)               | 228.6<br>(750)  | 1321-3R850-B <sup>(2)</sup>        | 20       | 1920  |                   |      |      |     |
| 3B    | 1275 | 2   | 12.2<br>(40) | 45.7<br>(150) | 12.2<br>(40) | 45.7<br>(150) | 121.9<br>(400)               | 228.6<br>(750)  | 2 x<br>1321-3R600-B <sup>(3)</sup> | 20       | 720   |                   |      |      |     |

- (1) Requires two parallel cables.
- (2) Requires three parallel cables.
- (3) Requires four parallel cables.

**Table 45 - PowerFlex 700L Drives with 700S Control, 690V Input Shielded/Unshielded Cable – Meters (Feet)**

| Drive |     |     | No Solution  |               | Reactor Only |               | Reactor and Damping Resistor |                 | Reactor                            | Resistor |       | Available Options |      |      |     |
|-------|-----|-----|--------------|---------------|--------------|---------------|------------------------------|-----------------|------------------------------------|----------|-------|-------------------|------|------|-----|
| Frame | kW  | kHz | 1488V        | 1850V         | 1488V        | 1850V         | 1488V                        | 1850V           | Cat. No.                           | Ohms     | Watts | TFA1              | TFB2 | RWR2 | RWC |
| 3A    | 355 | 2   | 24.4<br>(80) | 45.7<br>(150) | 24.4<br>(80) | 45.7<br>(150) | 228.6<br>(750)               | 304.8<br>(1000) | 1321-3R500-C <sup>(1)</sup>        | 20       | 960   |                   | •    |      |     |
|       |     | 4   | 24.4<br>(80) | 45.7<br>(150) | 24.4<br>(80) | 45.7<br>(150) | 182.9<br>(600)               | 228.6<br>(750)  | 1321-3R500-C <sup>(1)</sup>        | 20       | 1920  |                   |      |      |     |
| 3B    | 657 | 2   | 24.4<br>(80) | 45.7<br>(150) | 24.4<br>(80) | 45.7<br>(150) | 182.9<br>(600)               | 228.6<br>(750)  | 1321-3R850-C <sup>(2)</sup>        | 20       | 1290  |                   |      |      |     |
|       |     | 4   | 24.4<br>(80) | 45.7<br>(150) | 24.4<br>(80) | 45.7<br>(150) | 182.9<br>(600)               | 228.6<br>(750)  | 1321-3R850-C <sup>(2)</sup>        | 20       | 2580  |                   |      |      |     |
| 3B    | 980 | 2   | 24.4<br>(80) | 45.7<br>(150) | 24.4<br>(80) | 45.7<br>(150) | 182.9<br>(600)               | 228.6<br>(750)  | 2 x<br>1321-3R600-C <sup>(3)</sup> | 20       | 840   |                   |      |      |     |

- (1) Requires two parallel cables.
- (2) Requires three parallel cables.
- (3) Requires four parallel cables.

# PowerFlex 700S Drives

This section lists motor cable length restrictions, reactors, and available options for PowerFlex 700S drives.

**Table 46 - PowerFlex 700S Drives, 400V Shielded/Unshielded Cable – Meters (Feet)**

| Drive |      |     | No Solution  |                |                |                 | Reactor Only  |                 |                 |                 | Reactor and Damping Resistor or 1321-RWR |                 |                 |                 | Reactor/<br>RWR<br>(see<br>page 163) | Resistor |                    | Available<br>Options |      |      |     |   |
|-------|------|-----|--------------|----------------|----------------|-----------------|---------------|-----------------|-----------------|-----------------|--|-----------------|-----------------|-----------------|--------------------------------------|----------|--------------------|----------------------|------|------|-----|---|
| Frame | kW   | kHz | 1000V        | 1200V          | 1488V          | 1600V           | 1000V         | 1200V           | 1488V           | 1600V           | 1000V                                    | 1200V           | 1488V           | 1600V           | Cat. No.                             | Ohms     | Watts              | TFAT                 | TFB2 | RWR2 | RWC |   |
| 1     | 0.75 | 2/4 | 7.6<br>(25)  | 83.8<br>(275)  | 83.8<br>(275)  | 83.8<br>(275)   | 91.4<br>(300) | 152.4<br>(500)  | 152.4<br>(500)  | 152.4<br>(500)  | 152.4<br>(500)                           | 152.4<br>(500)  | 152.4<br>(500)  | 152.4<br>(500)  |                                      |          |                    | •                    | •    | •    |     |   |
|       | 1.5  | 2/4 | 7.6<br>(25)  | 106.7<br>(350) | 182.9<br>(600) | 182.9<br>(600)  | 91.4<br>(300) | 182.9<br>(600)  | 182.9<br>(600)  | 182.9<br>(600)  | 182.9<br>(600)                           | 182.9<br>(600)  | 182.9<br>(600)  | 182.9<br>(600)  |                                      |          |                    | •                    | •    | •    | •   |   |
|       | 2.2  | 2/4 | 7.6<br>(25)  | 106.7<br>(350) | 182.9<br>(600) | 182.9<br>(600)  | 91.4<br>(300) | 182.9<br>(600)  | 182.9<br>(600)  | 182.9<br>(600)  | 182.9<br>(600)                           | 182.9<br>(600)  | 182.9<br>(600)  | 182.9<br>(600)  |                                      |          |                    | •                    | •    | •    | •   |   |
|       | 4    | 2/4 | 7.6<br>(25)  | 106.7<br>(350) | 243.8<br>(800) | 243.8<br>(800)  | 91.4<br>(300) | 243.8<br>(800)  | 243.8<br>(800)  | 243.8<br>(800)  | 243.8<br>(800)                           | 243.8<br>(800)  | 243.8<br>(800)  | 243.8<br>(800)  | 1321-RWR8-DP                         |          |                    |                      | •    | •    | •   | • |
|       | 5.5  | 2/4 | 7.6<br>(25)  | 106.7<br>(350) | 274.3<br>(900) | 304.8<br>(1000) | 91.4<br>(300) | 274.3<br>(900)  | 304.8<br>(1000) | 304.8<br>(1000) | 304.8<br>(1000)                          | 304.8<br>(1000) | 304.8<br>(1000) | 304.8<br>(1000) | 1321-RWR12-DP                        |          |                    |                      | •    | •    | •   | • |
|       | 7.5  | 2/4 | 7.6<br>(25)  | 106.7<br>(350) | 274.3<br>(900) | 365.8<br>(1200) | 91.4<br>(300) | 274.3<br>(900)  | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200)                          | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200) | 1321-RWR18-DP                        |          |                    |                      | •    | •    | •   | • |
|       | 11   | 2/4 | 7.6<br>(25)  | 106.7<br>(350) | 274.3<br>(900) | 365.8<br>(1200) | 91.4<br>(300) | 274.3<br>(900)  | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200)                          | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200) | 1321-RWR25-DP                        |          |                    |                      | •    | •    | •   | • |
| 2     | 15   | 2/4 | 7.6<br>(25)  | 106.7<br>(350) | 274.3<br>(900) | 365.8<br>(1200) | 91.4<br>(300) | 274.3<br>(900)  | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200)                          | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200) | 1321-RWR25-DP                        |          |                    |                      | •    | •    | •   | • |
|       | 18.5 | 2/4 | 7.6<br>(25)  | 106.7<br>(350) | 274.3<br>(900) | 365.8<br>(1200) | 91.4<br>(300) | 274.3<br>(900)  | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200)                          | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200) | 1321-RWR35-DP                        |          |                    |                      | •    | •    | •   | • |
| 3     | 22   | 2/4 | 7.6<br>(25)  | 106.7<br>(350) | 274.3<br>(900) | 365.8<br>(1200) | 91.4<br>(300) | 274.3<br>(900)  | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200)                          | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200) | 1321-RWR45-DP                        |          |                    |                      | •    | •    | •   | • |
|       | 30   | 2/4 | 7.6<br>(25)  | 106.7<br>(350) | 274.3<br>(900) | 365.8<br>(1200) | 91.4<br>(300) | 274.3<br>(900)  | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200)                          | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200) | 1321-RWR55-DP                        |          |                    |                      | •    | •    | •   | • |
|       | 37   | 2/4 | 12.2<br>(40) | 91.4<br>(300)  | 274.3<br>(900) | 365.8<br>(1200) | 76.2<br>(250) | 243.8<br>(800)  | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200)                          | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200) | 1321-RWR80-DP                        |          |                    |                      | •    | •    | •   | • |
| 4     | 45   | 2/4 | 12.2<br>(40) | 106.7<br>(350) | 274.3<br>(900) | 365.8<br>(1200) | 76.2<br>(250) | 304.8<br>(1000) | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200)                          | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200) | 1321-RWR80-DP                        |          |                    |                      | •    | •    | •   | • |
| 5     | 55   | 2/4 | 12.2<br>(40) | 106.7<br>(350) | 274.3<br>(900) | 365.8<br>(1200) | 61.0<br>(200) | 274.3<br>(900)  | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200)                          | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200) | 1321-RWR100-DP                       |          |                    |                      | •    | •    | •   | • |
|       | 75   | 2/4 | 18.3<br>(60) | 91.4<br>(300)  | 213.4<br>(700) | 304.8<br>(1000) | 45.7<br>(150) | 243.8<br>(800)  | 365.8<br>(1200) | 365.8<br>(1200) | 304.8<br>(1000)                          | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200) | 1321-RWR130-DP                       |          |                    |                      | •    | •    | •   | • |
| 6     | 90   | 2/4 | 18.3<br>(60) | 91.4<br>(300)  | 213.4<br>(700) | 304.8<br>(1000) | 45.7<br>(150) | 213.4<br>(700)  | 365.8<br>(1200) | 365.8<br>(1200) | 304.8<br>(1000)                          | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200) | 1321-RWR160-DP                       |          |                    |                      | •    | •    | •   | • |
|       | 110  | 2/4 | 24.4<br>(80) | 91.4<br>(300)  | 213.4<br>(700) | 274.3<br>(900)  | 45.7<br>(150) | 182.9<br>(600)  | 365.8<br>(1200) | 365.8<br>(1200) | 274.3<br>(900)                           | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200) | 1321-RWR200-DP                       |          |                    |                      | •    | •    | •   | • |
|       | 132  | 2/4 | 24.4<br>(80) | 91.4<br>(300)  | 182.9<br>(600) | 243.8<br>(800)  | 45.7<br>(150) | 152.4<br>(500)  | 365.8<br>(1200) | 365.8<br>(1200) | 243.8<br>(800)                           | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200) | 1321-RWR250-DP                       |          |                    |                      | •    | •    | •   | • |
| 9     | 132  | 2   | 24.4<br>(80) | 91.4<br>(300)  | 182.9<br>(600) | 243.8<br>(800)  | 45.7<br>(150) | 152.4<br>(500)  | 365.8<br>(1200) | 365.8<br>(1200) | 243.8<br>(800)                           | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200) | 1321-RWR320-DP                       |          |                    |                      | •    | •    | •   | • |
|       | 160  | 2   | 24.4<br>(80) | 91.4<br>(300)  | 152.4<br>(500) | 213.4<br>(700)  | 45.7<br>(150) | 121.9<br>(400)  | 365.8<br>(1200) | 365.8<br>(1200) | 243.8<br>(800)                           | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200) | 1321-RWR320-DP                       |          |                    |                      | •    | •    | •   | • |
| 10    | 200  | 2   | 24.4<br>(80) | 76.2<br>(250)  | 121.9<br>(400) | 182.9<br>(600)  | 36.6<br>(120) | 91.4<br>(300)   | 304.8<br>(1000) | 365.8<br>(1200) | 243.8<br>(800)                           | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200) | 1321-3R500-B                         | 20       | 495 <sup>(3)</sup> |                      | •    | •    | •   | • |
|       | 250  | 2   | 24.4<br>(80) | 76.2<br>(250)  | 99.1<br>(325)  | 167.6<br>(550)  | 36.6<br>(120) | 76.2<br>(250)   | 304.8<br>(1000) | 365.8<br>(1200) | 228.6<br>(750)                           | 335.3<br>(1100) | 365.8<br>(1200) | 365.8<br>(1200) | 1321-3R500-B                         | 20       | 495 <sup>(3)</sup> |                      | •    | •    | •   | • |

**Table 46 - PowerFlex 700S Drives, 400V Shielded/Unshielded Cable – Meters (Feet) (continued)**

| Drive             |                    |     | No Solution |            |            |             | Reactor Only |            |              |              | Reactor and Damping Resistor or 1321-RWR |              |              |              | Reactor/RWR (see page 163) | Resistor |                    | Available Options |      |      |     |
|-------------------|--------------------|-----|-------------|------------|------------|-------------|--------------|------------|--------------|--------------|--|--------------|--------------|--------------|----------------------------|----------|--------------------|-------------------|------|------|-----|
| Frame             | kW                 | kHz | 1000V       | 1200V      | 1488V      | 1600V       | 1000V        | 1200V      | 1488V        | 1600V        | 1000V                                    | 1200V        | 1488V        | 1600V        | Cat. No.                   | Ohms     | Watts              | TFA1              | TFB2 | RWR2 | RWC |
| 11                | 315                | 2   | 18.3 (60)   | 68.6 (225) | 99.1 (325) | 167.6 (550) | 36.6 (120)   | 68.6 (225) | 304.8 (1000) | 365.8 (1200) | 228.6 (750)                              | 335.3 (1100) | 365.8 (1200) | 365.8 (1200) | 1321-3R600-B               | 20       | 495 <sup>(3)</sup> |                   | •    |      |     |
|                   | 355                | 2   | 18.3 (60)   | 68.6 (225) | 99.1 (325) | 167.6 (550) | 36.6 (120)   | 68.6 (225) | 304.8 (1000) | 365.8 (1200) | 228.6 (750)                              | 274.3 (900)  | 365.8 (1200) | 365.8 (1200) | 1321-3R750-B               | 20       | 495 <sup>(3)</sup> |                   | •    |      |     |
|                   | 400                | 2   | 18.3 (60)   | 68.6 (225) | 99.1 (325) | 167.6 (550) | 36.6 (120)   | 68.6 (225) | 304.8 (1000) | 365.8 (1200) | 228.6 (750)                              | 274.3 (900)  | 365.8 (1200) | 365.8 (1200) | 1321-3R750-B               | 20       | 735 <sup>(4)</sup> |                   | •    |      |     |
| 12 <sup>(1)</sup> | 450                | 2   | 18.3 (60)   | 68.6 (225) | 99.1 (325) | 167.6 (550) | 36.6 (120)   | 68.6 (225) | 304.8 (1000) | 365.8 (1200) | 228.6 (750)                              | 274.3 (900)  | 365.8 (1200) | 365.8 (1200) | 2 x 1321-3RB400-B          | 40       | 375 <sup>(4)</sup> |                   | •    |      |     |
|                   | 500                | 2   | 12.2 (40)   | 68.6 (225) | 99.1 (325) | 167.6 (550) | 36.6 (120)   | 68.6 (225) | 304.8 (1000) | 365.8 (1200) | 198.1 (650)                              | 274.3 (900)  | 365.8 (1200) | 365.8 (1200) | 2 x 1321-3R500-B           | 40       | 375 <sup>(4)</sup> |                   | •    |      |     |
|                   | 560                | 2   | 12.2 (40)   | 68.6 (225) | 99.1 (325) | 167.6 (550) | 36.6 (120)   | 68.6 (225) | 304.8 (1000) | 365.8 (1200) | 198.1 (650)                              | 274.3 (900)  | 365.8 (1200) | 365.8 (1200) | 2 x 1321-3R500-B           | 20       | 525 <sup>(5)</sup> |                   |      |      |     |
| 13                | 630 <sup>(2)</sup> | 2   | 12.2 (40)   | 61.0 (200) | 99.1 (325) | 167.6 (550) | 36.6 (120)   | 61.0 (200) | 304.8 (1000) | 365.8 (1200) | 198.1 (650)                              | 274.3 (900)  | 365.8 (1200) | 365.8 (1200) | 2 x 1321-3R600-B           | 20       | 525 <sup>(5)</sup> |                   |      |      |     |
|                   | 710 <sup>(2)</sup> | 2   | 12.2 (40)   | 61.0 (200) | 99.1 (325) | 167.6 (550) | 36.6 (120)   | 61.0 (200) | 304.8 (1000) | 365.8 (1200) | 198.1 (650)                              | 274.3 (900)  | 365.8 (1200) | 365.8 (1200) | 2 x 1321-3R750-B           | 20       | 525 <sup>(5)</sup> |                   |      |      |     |
|                   | 800 <sup>(2)</sup> | 2   | 12.2 (40)   | 61.0 (200) | 99.1 (325) | 167.6 (550) | 36.6 (120)   | 61.0 (200) | 304.8 (1000) | 365.8 (1200) | 198.1 (650)                              | 274.3 (900)  | 365.8 (1200) | 365.8 (1200) | 2 x 1321-3R750-B           | 20       | 525 <sup>(5)</sup> |                   |      |      |     |

- (1) Frame 12 drives have dual inverters and require two output reactors. The resistor ratings are per phase values for each reactor.
- (2) Some Frame 13 drives require two output reactors to match drive amp rating. The resistor ratings are per phase values for each reactor.
- (3) Resistor specification is based on two cables per phase.
- (4) Resistor specification is based on three cables per phase.
- (5) Resistor specification is based on four cables per phase.

**Table 47 - PowerFlex 700S Drives, 480V Shielded/Unshielded Cable – Meters (Feet)**

| Drive |     |     | No Solution |           |             |             | Reactor Only |            |              |              | Reactor and Damping Resistor or 1321-RWR |              |              |              | Reactor/RWR (see page 163) | Resistor |       | Available Options |      |      |     |   |
|-------|-----|-----|-------------|-----------|-------------|-------------|--------------|------------|--------------|--------------|--|--------------|--------------|--------------|----------------------------|----------|-------|-------------------|------|------|-----|---|
| Frame | Hp  | kHz | 1000V       | 1200V     | 1488V       | 1600V       | 1000V        | 1200V      | 1488V        | 1600V        | 1000V                                    | 1200V        | 1488V        | 1600V        | Cat. No.                   | Ohms     | Watts | TFA1              | TFB2 | RWR2 | RWC |   |
| 1     | 1   | 2/4 | 7.6 (25)    | 12.2 (40) | 83.8 (275)  | 83.8 (275)  | 7.6 (25)     | 91.4 (300) | 152.4 (500)  | 152.4 (500)  | 152.4 (500)                              | 152.4 (500)  | 152.4 (500)  | 152.4 (500)  |                            |          |       | •                 | •    | •    | •   |   |
|       | 2   | 2/4 | 7.6 (25)    | 12.2 (40) | 83.8 (275)  | 83.8 (275)  | 7.6 (25)     | 91.4 (300) | 182.9 (600)  | 182.9 (600)  | 152.4 (500)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  |                            |          |       | •                 | •    | •    | •   |   |
|       | 3   | 2/4 | 7.6 (25)    | 12.2 (40) | 106.7 (350) | 152.4 (500) | 7.6 (25)     | 91.4 (300) | 182.9 (600)  | 182.9 (600)  | 152.4 (500)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  |                            |          |       | •                 | •    | •    | •   |   |
|       | 5   | 2/4 | 7.6 (25)    | 12.2 (40) | 106.7 (350) | 152.4 (500) | 7.6 (25)     | 91.4 (300) | 243.8 (800)  | 243.8 (800)  | 152.4 (500)                              | 243.8 (800)  | 243.8 (800)  | 243.8 (800)  | 1321-RWR8-DP               |          |       |                   | •    | •    | •   | • |
|       | 7.5 | 2/4 | 7.6 (25)    | 12.2 (40) | 106.7 (350) | 152.4 (500) | 7.6 (25)     | 91.4 (300) | 304.8 (1000) | 304.8 (1000) | 152.4 (500)                              | 304.8 (1000) | 304.8 (1000) | 304.8 (1000) | 1321-RWR12-DP              |          |       |                   |      | •    |     | • |
|       | 10  | 2/4 | 7.6 (25)    | 12.2 (40) | 106.7 (350) | 152.4 (500) | 7.6 (25)     | 91.4 (300) | 365.8 (1200) | 365.8 (1200) | 152.4 (500)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR18-DP              |          |       |                   |      | •    |     | • |
|       | 15  | 2/4 | 7.6 (25)    | 12.2 (40) | 106.7 (350) | 152.4 (500) | 7.6 (25)     | 91.4 (300) | 365.8 (1200) | 365.8 (1200) | 152.4 (500)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR25-DP              |          |       |                   |      | •    |     |   |

**Table 47 - PowerFlex 700S Drives, 480V Shielded/Unshielded Cable – Meters (Feet) (continued)**

| Drive             |     |     | No Solution |            |             |             | Reactor Only |            |              |              | Reactor and Damping Resistor or 1321-RWR |              |              |              | Reactor/RWR (see page 163) | Resistor |                    | Available Options |      |      |     |
|-------------------|-----|-----|-------------|------------|-------------|-------------|--------------|------------|--------------|--------------|--|--------------|--------------|--------------|----------------------------|----------|--------------------|-------------------|------|------|-----|
| Frame             | Hp  | kHz | 1000V       | 1200V      | 1488V       | 1600V       | 1000V        | 1200V      | 1488V        | 1600V        | 1000V                                    | 1200V        | 1488V        | 1600V        | Cat. No.                   | Ohms     | Watts              | TF1A              | TFB2 | RWR2 | RWC |
| 2                 | 20  | 2/4 | 7.6 (25)    | 12.2 (40)  | 106.7 (350) | 152.4 (500) | 7.6 (25)     | 91.4 (300) | 365.8 (1200) | 365.8 (1200) | 182.9 (600)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR25-DP              |          |                    |                   | •    |      |     |
|                   | 25  | 2/4 | 7.6 (25)    | 12.2 (40)  | 106.7 (350) | 152.4 (500) | 7.6 (25)     | 76.2 (250) | 365.8 (1200) | 365.8 (1200) | 152.4 (500)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR35-DP              |          |                    |                   | •    |      |     |
| 3                 | 30  | 2/4 | 7.6 (25)    | 12.2 (40)  | 106.7 (350) | 152.4 (500) | 7.6 (25)     | 76.2 (250) | 365.8 (1200) | 365.8 (1200) | 152.4 (500)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR45-DP              |          |                    |                   | •    |      |     |
|                   | 40  | 2/4 | 7.6 (25)    | 12.2 (40)  | 106.7 (350) | 152.4 (500) | 7.6 (25)     | 76.2 (250) | 365.8 (1200) | 365.8 (1200) | 121.9 (400)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR55-DP              |          |                    |                   | •    |      |     |
|                   | 50  | 2/4 | 12.2 (40)   | 18.3 (60)  | 106.7 (350) | 152.4 (500) | 12.2 (40)    | 61.0 (200) | 304.8 (1000) | 365.8 (1200) | 121.9 (400)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR80-DP              |          |                    |                   | •    |      |     |
| 4                 | 60  | 2/4 | 12.2 (40)   | 18.3 (60)  | 91.4 (300)  | 152.4 (500) | 12.2 (40)    | 61.0 (200) | 304.8 (1000) | 365.8 (1200) | 91.4 (300)                               | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR80-DP              |          |                    |                   | •    |      |     |
| 5                 | 75  | 2/4 | 12.2 (40)   | 18.3 (60)  | 91.4 (300)  | 152.4 (500) | 12.2 (40)    | 61.0 (200) | 274.3 (900)  | 365.8 (1200) | 91.4 (300)                               | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR100-DP             |          |                    |                   | •    |      |     |
|                   | 100 | 2/4 | 12.2 (40)   | 24.4 (80)  | 91.4 (300)  | 137.2 (450) | 12.2 (40)    | 61.0 (200) | 243.8 (800)  | 365.8 (1200) | 91.4 (300)                               | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR130-DP             |          |                    |                   | •    |      |     |
| 6                 | 125 | 2/4 | 12.2 (40)   | 24.4 (80)  | 91.4 (300)  | 137.2 (450) | 12.2 (40)    | 61.0 (200) | 243.8 (800)  | 365.8 (1200) | 76.2 (250)                               | 304.8 (1000) | 365.8 (1200) | 365.8 (1200) | 1321-RWR160-DP             |          |                    |                   | •    |      |     |
|                   | 150 | 2/4 | 12.2 (40)   | 24.4 (80)  | 91.4 (300)  | 137.2 (450) | 12.2 (40)    | 61.0 (200) | 243.8 (800)  | 304.8 (1000) | 76.2 (250)                               | 274.3 (900)  | 365.8 (1200) | 365.8 (1200) | 1321-RWR200-DP             |          |                    |                   | •    |      |     |
|                   | 200 | 2/4 | 12.2 (40)   | 30.5 (100) | 91.4 (300)  | 137.2 (450) | 12.2 (40)    | 61.0 (200) | 243.8 (800)  | 304.8 (1000) | 61.0 (200)                               | 274.3 (900)  | 365.8 (1200) | 365.8 (1200) | 1321-RWR250-DP             |          |                    |                   | •    |      |     |
| 9                 | 200 | 2   | 12.2 (40)   | 30.5 (100) | 91.4 (300)  | 152.4 (500) | 12.2 (40)    | 45.7 (150) | 152.4 (500)  | 228.6 (750)  | 61.0 (200)                               | 274.3 (900)  | 365.8 (1200) | 365.8 (1200) | 1321-RWR320-DP             |          |                    |                   | •    |      |     |
|                   | 250 | 2   | 12.2 (40)   | 30.5 (100) | 91.4 (300)  | 152.4 (500) | 12.2 (40)    | 45.7 (150) | 121.9 (400)  | 182.9 (600)  | 61.0 (200)                               | 243.8 (800)  | 365.8 (1200) | 365.8 (1200) | 1321-RWR320-DP             |          |                    |                   | •    |      |     |
| 10                | 300 | 2   | 12.2 (40)   | 30.5 (100) | 61.0 (200)  | 121.9 (400) | 12.2 (40)    | 45.7 (150) | 61.0 (200)   | 121.9 (400)  | 61.0 (200)                               | 243.8 (800)  | 304.8 (1000) | 365.8 (1200) | 1321-3RB400-B              | 20       | 495 <sup>(3)</sup> |                   | •    |      |     |
|                   | 350 | 2   | 12.2 (40)   | 30.5 (100) | 61.0 (200)  | 121.9 (400) | 12.2 (40)    | 45.7 (150) | 61.0 (200)   | 121.9 (400)  | 61.0 (200)                               | 243.8 (800)  | 304.8 (1000) | 365.8 (1200) | 1321-3R500-B               | 20       | 495 <sup>(3)</sup> |                   | •    |      |     |
|                   | 450 | 2   | 12.2 (40)   | 30.5 (100) | 61.0 (200)  | 121.9 (400) | 12.2 (40)    | 45.7 (150) | 61.0 (200)   | 121.9 (400)  | 61.0 (200)                               | 213.4 (700)  | 304.8 (1000) | 365.8 (1200) | 1321-3R500-B               | 20       | 495 <sup>(3)</sup> |                   | •    |      |     |
| 11                | 500 | 2   | 12.2 (40)   | 30.5 (100) | 61.0 (200)  | 121.9 (400) | 12.2 (40)    | 45.7 (150) | 61.0 (200)   | 121.9 (400)  | 61.0 (200)                               | 213.4 (700)  | 304.8 (1000) | 365.8 (1200) | 1321-3R750-B               | 20       | 495 <sup>(3)</sup> |                   | •    |      |     |
|                   | 600 | 2   | 12.2 (40)   | 30.5 (100) | 61.0 (200)  | 121.9 (400) | 12.2 (40)    | 45.7 (150) | 61.0 (200)   | 121.9 (400)  | 61.0 (200)                               | 213.4 (700)  | 304.8 (1000) | 365.8 (1200) | 1321-3R750-B               | 20       | 735 <sup>(4)</sup> |                   | •    |      |     |
| 12 <sup>(1)</sup> | 700 | 2   | 12.2 (40)   | 30.5 (100) | 61.0 (200)  | 121.9 (400) | 12.2 (40)    | 45.7 (150) | 61.0 (200)   | 121.9 (400)  | 45.7 (150)                               | 182.9 (600)  | 304.8 (1000) | 365.8 (1200) | 2 x 1321-3RB400-B          | 40       | 375 <sup>(4)</sup> |                   | •    |      |     |
|                   | 800 | 2   | 12.2 (40)   | 30.5 (100) | 61.0 (200)  | 121.9 (400) | 12.2 (40)    | 45.7 (150) | 61.0 (200)   | 121.9 (400)  | 45.7 (150)                               | 182.9 (600)  | 304.8 (1000) | 365.8 (1200) | 2 x 1321-3R500-B           | 40       | 375 <sup>(4)</sup> |                   | •    |      |     |
|                   | 900 | 2   | 12.2 (40)   | 30.5 (100) | 61.0 (200)  | 121.9 (400) | 12.2 (40)    | 45.7 (150) | 61.0 (200)   | 121.9 (400)  | 45.7 (150)                               | 182.9 (600)  | 304.8 (1000) | 365.8 (1200) | 2 x 1321-3R500-B           | 20       | 525 <sup>(5)</sup> |                   |      |      |     |

**Table 47 - PowerFlex 700S Drives, 480V Shielded/Unshielded Cable – Meters (Feet) (continued)**

| Drive |                     |     | No Solution |            |            |             | Reactor Only |            |            |             | Reactor and Damping Resistor or 1321-RWR |             |              |              | Reactor/RWR (see page 163) | Resistor |                    | Available Options |      |      |     |
|-------|---------------------|-----|-------------|------------|------------|-------------|--------------|------------|------------|-------------|--|-------------|--------------|--------------|----------------------------|----------|--------------------|-------------------|------|------|-----|
| Frame | Hp                  | kHz | 1000V       | 1200V      | 1488V      | 1600V       | 1000V        | 1200V      | 1488V      | 1600V       | 1000V                                    | 1200V       | 1488V        | 1600V        | Cat. No.                   | Ohms     | Watts              | TFA1              | TFB2 | RWR2 | RWC |
| 13    | 1000 <sup>(2)</sup> | 2   | 12.2 (40)   | 30.5 (100) | 61.0 (200) | 121.9 (400) | 12.2 (40)    | 45.7 (150) | 61.0 (200) | 121.9 (400) | 45.7 (150)                               | 152.4 (500) | 304.8 (1000) | 365.8 (1200) | 2 x 1321-3R600-B           | 20       | 525 <sup>(5)</sup> |                   |      |      |     |
|       | 1200 <sup>(2)</sup> | 2   | 12.2 (40)   | 30.5 (100) | 61.0 (200) | 121.9 (400) | 12.2 (40)    | 45.7 (150) | 61.0 (200) | 121.9 (400) | 45.7 (150)                               | 152.4 (500) | 304.8 (1000) | 365.8 (1200) | 2 x 1321-3R750-B           | 20       | 525 <sup>(5)</sup> |                   |      |      |     |
|       | 1250 <sup>(2)</sup> | 2   | 12.2 (40)   | 30.5 (100) | 61.0 (200) | 121.9 (400) | 12.2 (40)    | 45.7 (150) | 61.0 (200) | 121.9 (400) | 45.7 (150)                               | 152.4 (500) | 304.8 (1000) | 365.8 (1200) | 2 x 1321-3R750-B           | 20       | 525 <sup>(5)</sup> |                   |      |      |     |

- (1) Frame 12 drives have dual inverters and require two output reactors. The resistor ratings are per phase values for each reactor.
- (2) Some Frame 13 drives require two output reactors to match drive amp rating. The resistor ratings are per phase values for each reactor.
- (3) Resistor specification is based on two cables per phase.
- (4) Resistor specification is based on three cables per phase.
- (5) Resistor specification is based on four cables per phase.

**Table 48 - PowerFlex 700S Drives, 600V Shielded/Unshielded Cable – Meters (Feet)**

| Drive |     |     | No Solution |             | Reactor Only |              | Reactor and Damping Resistor or 1321-RWR |              | Reactor/RWR (see page 163) | Resistor |       | Available Options |      |      |     |   |
|-------|-----|-----|-------------|-------------|--------------|--------------|--|--------------|----------------------------|----------|-------|-------------------|------|------|-----|---|
| Frame | Hp  | kHz | 1488V       | 1850V       | 1488V        | 1850V        | 1488V                                    | 1850V        | Cat. No.                   | Ohms     | Watts | TFA1              | TFB2 | RWR2 | RWC |   |
| 1     | 1   | 2/4 | 24.4 (80)   | 121.9 (400) | 24.4 (80)    | 182.9 (600)  | 182.9 (600)                              | 182.9 (600)  |                            |          |       | •                 |      | •    | •   |   |
|       | 2   | 2/4 | 24.4 (80)   | 121.9 (400) | 24.4 (80)    | 182.9 (600)  | 182.9 (600)                              | 182.9 (600)  |                            |          |       | •                 | •    | •    | •   |   |
|       | 3   | 2/4 | 24.4 (80)   | 121.9 (400) | 24.4 (80)    | 182.9 (600)  | 182.9 (600)                              | 182.9 (600)  |                            |          |       | •                 | •    | •    | •   |   |
|       | 5   | 2/4 | 24.4 (80)   | 121.9 (400) | 24.4 (80)    | 243.8 (800)  | 365.8 (1200)                             | 365.8 (1200) | 1321-RWR8-EP               |          |       |                   | •    | •    | •   | • |
|       | 7.5 | 2/4 | 24.4 (80)   | 121.9 (400) | 24.4 (80)    | 304.8 (1000) | 365.8 (1200)                             | 365.8 (1200) | 1321-RWR8-EP               |          |       |                   |      | •    |     | • |
|       | 10  | 2/4 | 24.4 (80)   | 121.9 (400) | 24.4 (80)    | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 1321-RWR12-EP              |          |       |                   |      | •    |     | • |
|       | 15  | 2/4 | 24.4 (80)   | 121.9 (400) | 36.6 (120)   | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 1321-RWR18-EP              |          |       |                   |      | •    |     |   |
| 2     | 20  | 2/4 | 24.4 (80)   | 121.9 (400) | 36.6 (120)   | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 1321-RWR25-EP              |          |       |                   |      | •    |     |   |
|       | 25  | 2/4 | 24.4 (80)   | 121.9 (400) | 45.7 (150)   | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 1321-RWR25-EP              |          |       |                   |      | •    |     |   |
| 3     | 30  | 2/4 | 24.4 (80)   | 121.9 (400) | 45.7 (150)   | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 1321-RWR35-EP              |          |       |                   |      | •    |     |   |
|       | 40  | 2/4 | 24.4 (80)   | 137.2 (450) | 45.7 (150)   | 365.8 (1200) | 304.8 (1000)                             | 365.8 (1200) | 1321-RWR45-EP              |          |       |                   |      | •    |     |   |
|       | 50  | 2/4 | 24.4 (80)   | 137.2 (450) | 45.7 (150)   | 304.8 (1000) | 304.8 (1000)                             | 365.8 (1200) | 1321-RWR55-EP              |          |       |                   |      | •    |     |   |
| 4     | 60  | 2/4 | 24.4 (80)   | 137.2 (450) | 45.7 (150)   | 304.8 (1000) | 304.8 (1000)                             | 365.8 (1200) | 1321-RWR80-EP              |          |       |                   |      | •    |     |   |
| 5     | 75  | 2/4 | 24.4 (80)   | 137.2 (450) | 45.7 (150)   | 274.3 (900)  | 243.8 (800)                              | 365.8 (1200) | 1321-RWR80-EP              |          |       |                   |      | •    |     |   |
|       | 100 | 2/4 | 24.4 (80)   | 137.2 (450) | 45.7 (150)   | 243.8 (800)  | 243.8 (800)                              | 365.8 (1200) | 1321-RWR100-EP             |          |       |                   |      | •    |     |   |
| 6     | 125 | 2/4 | 24.4 (80)   | 137.2 (450) | 61.0 (200)   | 243.8 (800)  | 198.1 (650)                              | 365.8 (1200) | 1321-RWR130-EP             |          |       |                   |      | •    |     |   |
|       | 150 | 2/4 | 24.4 (80)   | 137.2 (450) | 61.0 (200)   | 243.8 (800)  | 198.1 (650)                              | 365.8 (1200) | 1321-RWR160-EP             |          |       |                   |      | •    |     |   |

**Table 48 - PowerFlex 700S Drives, 600V Shielded/Unshielded Cable – Meters (Feet) (continued)**

| Drive             |      |     | No Solution |             | Reactor Only |             | Reactor and Damping Resistor or 1321-RWR |              | Reactor/RWR (see page 163) | Resistor |                    | Available Options |      |      |     |
|-------------------|------|-----|-------------|-------------|--------------|-------------|--|--------------|----------------------------|----------|--------------------|-------------------|------|------|-----|
| Frame             | Hp   | kHz | 1488V       | 1850V       | 1488V        | 1850V       | 1488V                                    | 1850V        | Cat. No.                   | Ohms     | Watts              | TFA1              | TFB2 | RWR2 | RWC |
| 9                 | 150  | 2   | 24.4 (80)   | 137.2 (450) | 61.0 (200)   | 243.8 (800) | 198.1 (650)                              | 365.8 (1200) | 1321-RWR200-EP             |          |                    |                   | •    |      |     |
|                   | 200  | 2   | 24.4 (80)   | 137.2 (450) | 61.0 (200)   | 243.8 (800) | 198.1 (650)                              | 365.8 (1200) | 1321-RWR250-EP             |          |                    |                   | •    |      |     |
| 10                | 250  | 2   | 24.4 (80)   | 137.2 (450) | 61.0 (200)   | 198.1 (650) | 167.6 (550)                              | 365.8 (1200) | 1321-3RB250-B              | 50       | 315                |                   | •    |      |     |
|                   | 350  | 2   | 24.4 (80)   | 91.4 (300)  | 61.0 (200)   | 152.4 (500) | 167.6 (550)                              | 365.8 (1200) | 1321-3RB350-B              | 20       | 585 <sup>(3)</sup> |                   | •    |      |     |
|                   | 400  | 2   | 24.4 (80)   | 91.4 (300)  | 61.0 (200)   | 152.4 (500) | 167.6 (550)                              | 365.8 (1200) | 1321-3RB400-B              | 20       | 585 <sup>(3)</sup> |                   | •    |      |     |
|                   | 450  | 2   | 24.4 (80)   | 91.4 (300)  | 61.0 (200)   | 152.4 (500) | 167.6 (550)                              | 365.8 (1200) | 1321-3R500-B               | 20       | 585 <sup>(3)</sup> |                   | •    |      |     |
| 11                | 500  | 2   | 24.4 (80)   | 91.4 (300)  | 61.0 (200)   | 152.4 (500) | 167.6 (550)                              | 365.8 (1200) | 1321-3R500-B               | 20       | 585 <sup>(3)</sup> |                   | •    |      |     |
|                   | 600  | 2   | 24.4 (80)   | 91.4 (300)  | 61.0 (200)   | 152.4 (500) | 152.4 (500)                              | 365.8 (1200) | 1321-3R600-B               | 20       | 585 <sup>(3)</sup> |                   | •    |      |     |
| 12 <sup>(1)</sup> | 700  | 2   | 24.4 (80)   | 91.4 (300)  | 61.0 (200)   | 152.4 (500) | 152.4 (500)                              | 365.8 (1200) | 2 x 1321-3RB320-B          | 40       | 300 <sup>(3)</sup> |                   | •    |      |     |
|                   | 800  | 2   | 24.4 (80)   | 91.4 (300)  | 61.0 (200)   | 152.4 (500) | 152.4 (500)                              | 365.8 (1200) | 2 x 1321-3RB400-C          | 40       | 480 <sup>(4)</sup> |                   | •    |      |     |
|                   | 900  | 2   | 24.4 (80)   | 91.4 (300)  | 61.0 (200)   | 152.4 (500) | 152.4 (500)                              | 365.8 (1200) | 2 x 1321-3R400-B           | 40       | 480 <sup>(4)</sup> |                   |      |      |     |
| 13 <sup>(2)</sup> | 1000 | 2   | 24.4 (80)   | 91.4 (300)  | 61.0 (200)   | 152.4 (500) | 152.4 (500)                              | 365.8 (1200) | 2 x 1321-3R500-C           | 20       | 480 <sup>(4)</sup> |                   |      |      |     |
|                   | 1100 | 2   | 24.4 (80)   | 91.4 (300)  | 53.3 (175)   | 137.2 (450) | 137.2 (450)                              | 365.8 (1200) | 2 x 1321-3R500-B           | 20       | 720 <sup>(5)</sup> |                   |      |      |     |
|                   | 1300 | 2   | 24.4 (80)   | 91.4 (300)  | 53.3 (175)   | 137.2 (450) | 137.2 (450)                              | 365.8 (1200) | 2 x 1321-3R600-B           | 20       | 720 <sup>(5)</sup> |                   |      |      |     |

- (1) Frame 12 drives have dual inverters and require two output reactors. The resistor ratings are per phase values for each reactor.
- (2) Frame 13 drives require two output reactors to match drive amp rating. The resistor ratings are per phase values for each reactor.
- (3) Resistor specification is based on two parallel cables per phase.
- (4) Resistor specification is based on three parallel cables per phase.
- (5) Resistor specification is based on four parallel cables per phase.

**Table 49 - PowerFlex 700S Drives, 690V Shielded/Unshielded Cable – Meters (Feet)**

| Drive |     |     | No Solution |            | Reactor Only |             | Reactor and Damping Resistor |              | Reactor       | Resistor |                    | Available Options |      |      |     |
|-------|-----|-----|-------------|------------|--------------|-------------|------------------------------|--------------|---------------|----------|--------------------|-------------------|------|------|-----|
| Frame | kW  | kHz | 1850V       | 2000V      | 1850V        | 2000V       | 1850V                        | 2000V        | Cat. No.      | Ohms     | Watts              | TFA1              | TFB2 | RWR2 | RWC |
| 5     | 45  | 2/4 | 24.4 (80)   | 45.7 (150) | 61.0 (200)   | 106.7 (350) | 365.8 (1200)                 | 365.8 (1200) | 1321-3R80-C   | 50       | 375/750            |                   |      |      |     |
|       | 55  | 2/4 | 24.4 (80)   | 45.7 (150) | 61.0 (200)   | 106.7 (350) | 365.8 (1200)                 | 365.8 (1200) | 1321-3R80-C   | 50       | 375/750            |                   |      |      |     |
|       | 75  | 2/4 | 24.4 (80)   | 45.7 (150) | 61.0 (200)   | 106.7 (350) | 365.8 (1200)                 | 365.8 (1200) | 1321-3R100-C  | 50       | 375/750            |                   |      |      |     |
|       | 90  | 2/4 | 24.4 (80)   | 45.7 (150) | 61.0 (200)   | 106.7 (350) | 243.8 (800)                  | 274.3 (900)  | 1321-3R130-C  | 50       | 375/750            |                   |      |      |     |
| 6     | 110 | 2/4 | 24.4 (80)   | 45.7 (150) | 76.2 (250)   | 121.9 (400) | 243.8 (800)                  | 274.3 (900)  | 1321-3R160-C  | 50       | 375/750            |                   |      |      |     |
|       | 132 | 2/4 | 24.4 (80)   | 45.7 (150) | 76.2 (250)   | 121.9 (400) | 243.8 (800)                  | 274.3 (900)  | 1321-3R200-C  | 50       | 375/750            |                   |      |      |     |
| 9     | 160 | 2   | 24.4 (80)   | 45.7 (150) | 91.4 (300)   | 121.9 (400) | 182.9 (600)                  | 243.8 (800)  | 1321-3RB250-C | 50       | 480                |                   |      |      |     |
|       | 200 | 2   | 24.4 (80)   | 45.7 (150) | 91.4 (300)   | 121.9 (400) | 182.9 (600)                  | 243.8 (800)  | 1321-3RB250-C | 50       | 480                |                   |      |      |     |
| 10    | 250 | 2   | 24.4 (80)   | 45.7 (150) | 91.4 (300)   | 121.9 (400) | 182.9 (600)                  | 243.8 (800)  | 1321-3RB400-C | 50       | 480                |                   |      |      |     |
|       | 315 | 2   | 24.4 (80)   | 45.7 (150) | 91.4 (300)   | 121.9 (400) | 182.9 (600)                  | 243.8 (800)  | 1321-3RB400-C | 20       | 960 <sup>(3)</sup> |                   |      |      |     |
|       | 355 | 2   | 24.4 (80)   | 45.7 (150) | 91.4 (300)   | 121.9 (400) | 182.9 (600)                  | 243.8 (800)  | 1321-3R500-C  | 20       | 960 <sup>(3)</sup> |                   |      |      |     |
|       | 400 | 2   | 24.4 (80)   | 45.7 (150) | 91.4 (300)   | 121.9 (400) | 182.9 (600)                  | 243.8 (800)  | 1321-3R500-C  | 20       | 960 <sup>(3)</sup> |                   |      |      |     |

**Table 49 - PowerFlex 700S Drives, 690V Shielded/Unshielded Cable – Meters (Feet)**

| Drive             |                     |     | No Solution |            | Reactor Only |             | Reactor and Damping Resistor |             | Reactor          | Resistor |                    | Available Options |      |      |     |
|-------------------|---------------------|-----|-------------|------------|--------------|-------------|------------------------------|-------------|------------------|----------|--------------------|-------------------|------|------|-----|
| Frame             | kW                  | kHz | 1850V       | 2000V      | 1850V        | 2000V       | 1850V                        | 2000V       | Cat. No.         | Ohms     | Watts              | TFA1              | TFB2 | RWR2 | RWC |
| 11                | 450                 | 2   | 24.4 (80)   | 45.7 (150) | 91.4 (300)   | 121.9 (400) | 182.9 (600)                  | 243.8 (800) | 1321-3R750-C     | 20       | 960 <sup>(3)</sup> |                   |      |      |     |
|                   | 500                 | 2   | 24.4 (80)   | 45.7 (150) | 91.4 (300)   | 121.9 (400) | 182.9 (600)                  | 243.8 (800) | 1321-3R750-C     | 20       | 960 <sup>(3)</sup> |                   |      |      |     |
|                   | 560                 | 2   | 24.4 (80)   | 45.7 (150) | 76.2 (250)   | 121.9 (400) | 182.9 (600)                  | 243.8 (800) | 1321-3R850-C     | 20       | 960 <sup>(3)</sup> |                   |      |      |     |
| 12 <sup>(1)</sup> | 630                 | 2   | 24.4 (80)   | 45.7 (150) | 76.2 (250)   | 121.9 (400) | 182.9 (600)                  | 243.8 (800) | 2 x 1321-3R600-C | 40       | 480 <sup>(4)</sup> |                   |      |      |     |
|                   | 710                 | 2   | 24.4 (80)   | 45.7 (150) | 76.2 (250)   | 121.9 (400) | 182.9 (600)                  | 243.8 (800) | 2 x 1321-3R600-C | 40       | 645 <sup>(4)</sup> |                   |      |      |     |
|                   | 800                 | 2   | 24.4 (80)   | 45.7 (150) | 76.2 (250)   | 121.9 (400) | 182.9 (600)                  | 243.8 (800) | 2 x 1321-3R750-C | 40       | 645 <sup>(4)</sup> |                   |      |      |     |
| 13                | 900                 | 2   | 24.4 (80)   | 45.7 (150) | 76.2 (250)   | 121.9 (400) | 182.9 (600)                  | 243.8 (800) | 2 x 1321-3R600-C | 40       | 645 <sup>(4)</sup> |                   |      |      |     |
|                   | 1000 <sup>(2)</sup> | 2   | 24.4 (80)   | 45.7 (150) | 61.0 (200)   | 91.4 (300)  | 182.9 (600)                  | 243.8 (800) | 2 x 1321-3R600-C | 20       | 840 <sup>(5)</sup> |                   |      |      |     |
|                   | 1100 <sup>(2)</sup> | 2   | 24.4 (80)   | 45.7 (150) | 61.0 (200)   | 91.4 (300)  | 182.9 (600)                  | 243.8 (800) | 2 x 1321-3R750-C | 20       | 840 <sup>(5)</sup> |                   |      |      |     |

- (1) Frame 12 drives have dual inverters and require two output reactors. The resistor ratings are per phase values for each reactor.
- (2) Some Frame 13 drives require two output reactors to match drive amp rating. The resistor ratings are per phase values for each reactor.
- (3) Resistor specification is based on two parallel cables per phase.
- (4) Resistor specification is based on three parallel cables per phase.
- (5) Resistor specification is based on four parallel cables per phase.

# PowerFlex 753 and 755 Wall Mount Drives

This section lists motor cable length restrictions, reactors, and available options for PowerFlex 753 and 755 wall mount drives.

**Table 50 - PowerFlex 753 and 755 Wall Mount Drives, 400V Shielded/Unshielded Cable – Meters (Feet)**

| Frame | Drive | Rating |          | No Solution |              |             |              |              | Reactor Only |             |             |              |              | Reactor and Damping Resistor or 1321-RWR |              |              |              |              | Reactor/RWR (see page 163) | Resistor      |       | Available Options |      |      |     |  |  |  |  |
|-------|-------|--------|----------|-------------|--------------|-------------|--------------|--------------|--------------|-------------|-------------|--------------|--------------|--|--------------|--------------|--------------|--------------|----------------------------|---------------|-------|-------------------|------|------|-----|--|--|--|--|
|       |       | kW     | kHz      | 1000V       | 1200V        | 1350V       | 1488V        | 1600V        | 1000V        | 1200V       | 1350V       | 1488V        | 1600V        | 1000V                                    | 1200V        | 1350V        | 1488V        | 1600V        | Cat. No.                   | Ohms          | Watts | TFAT              | TFB2 | RWR2 | RWC |  |  |  |  |
| 1     | 0.75  | 2      | 7.6 (25) | 83.8 (275)  | 83.8 (275)   | 83.8 (275)  | 83.8 (275)   | 83.8 (275)   | 91.4 (300)   | 152.4 (500) | 152.4 (500) | 152.4 (500)  | 152.4 (500)  | 152.4 (500)                              | 152.4 (500)  | 152.4 (500)  | 152.4 (500)  | 152.4 (500)  |                            |               |       |                   |      |      |     |  |  |  |  |
|       |       | 4      | 7.6 (25) | 83.8 (275)  | 83.8 (275)   | 83.8 (275)  | 83.8 (275)   | 83.8 (275)   | 91.4 (300)   | 152.4 (500) | 500 (152.4) | 152.4 (500)  | 152.4 (500)  | 152.4 (500)                              | 152.4 (500)  | 500 (152.4)  | 152.4 (500)  | 152.4 (500)  |                            |               |       |                   |      |      |     |  |  |  |  |
|       | 1.5   | 2      | 7.6 (25) | 91.4 (300)  | 121.9 (400)  | 182.9 (600) | 182.9 (600)  | 182.9 (600)  | 91.4 (300)   | 182.9 (600) | 182.9 (600) | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                |               |       |                   |      |      |     |  |  |  |  |
|       |       | 4      | 7.6 (25) | 91.4 (300)  | 121.9 (400)  | 182.9 (600) | 182.9 (600)  | 182.9 (600)  | 91.4 (300)   | 182.9 (600) | 182.9 (600) | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                |               |       |                   |      |      |     |  |  |  |  |
|       | 2.2   | 2      | 7.6 (25) | 91.4 (300)  | 121.9 (400)  | 182.9 (600) | 182.9 (600)  | 182.9 (600)  | 91.4 (300)   | 182.9 (600) | 182.9 (600) | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                |               |       |                   |      |      |     |  |  |  |  |
|       |       | 4      | 7.6 (25) | 91.4 (300)  | 121.9 (400)  | 182.9 (600) | 182.9 (600)  | 182.9 (600)  | 91.4 (300)   | 182.9 (600) | 182.9 (600) | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                |               |       |                   |      |      |     |  |  |  |  |
|       | 4.0   | 2      | 7.6 (25) | 91.4 (300)  | 500 (152.4)  | 243.8 (800) | 243.8 (800)  | 243.8 (800)  | 91.4 (300)   | 243.8 (800) | 243.8 (800) | 243.8 (800)  | 243.8 (800)  | 243.8 (800)                              | 243.8 (800)  | 243.8 (800)  | 243.8 (800)  | 243.8 (800)  | 243.8 (800)                | 1321-RWR12-DP |       |                   |      |      |     |  |  |  |  |
|       |       | 4      | 7.6 (25) | 91.4 (300)  | 121.9 (400)  | 182.9 (600) | 182.9 (600)  | 182.9 (600)  | 91.4 (300)   | 182.9 (600) | 182.9 (600) | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                |               |       |                   |      |      |     |  |  |  |  |
|       | 5.5   | 2      | 7.6 (25) | 91.4 (300)  | 182.9 (600)  | 274.3 (900) | 304.8 (1000) | 304.8 (1000) | 91.4 (300)   | 274.3 (900) | 274.3 (900) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               | 1321-RWR12-DP |       |                   |      |      |     |  |  |  |  |
|       |       | 4      | 7.6 (25) | 91.4 (300)  | 137.16 (450) | 182.9 (600) | 182.9 (600)  | 182.9 (600)  | 91.4 (300)   | 182.9 (600) | 182.9 (600) | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                |               |       |                   |      |      |     |  |  |  |  |
|       | 7.5   | 2      | 7.6 (25) | 91.4 (300)  | 182.9 (600)  | 274.3 (900) | 365.8 (1200) | 365.8 (1200) | 91.4 (300)   | 274.3 (900) | 274.3 (900) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               | 1321-RWR18-DP |       |                   |      |      |     |  |  |  |  |
|       |       | 4      | 7.6 (25) | 91.4 (300)  | 137.2 (450)  | 182.9 (600) | 182.9 (600)  | 182.9 (600)  | 91.4 (300)   | 182.9 (600) | 182.9 (600) | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                |               |       |                   |      |      |     |  |  |  |  |
|       | 2     | 0.75   | 2        | 7.6 (25)    | 91.4 (300)   | 83.8 (275)  | 83.8 (275)   | 83.8 (275)   | 91.4 (300)   | 152.4 (500) | 152.4 (500) | 152.4 (500)  | 152.4 (500)  | 152.4 (500)                              | 152.4 (500)  | 152.4 (500)  | 152.4 (500)  | 152.4 (500)  | 152.4 (500)                |               |       |                   |      |      |     |  |  |  |  |
|       |       |        | 4        | 7.6 (25)    | 91.4 (300)   | 83.8 (275)  | 83.8 (275)   | 83.8 (275)   | 91.4 (300)   | 152.4 (500) | 152.4 (500) | 152.4 (500)  | 152.4 (500)  | 152.4 (500)                              | 152.4 (500)  | 152.4 (500)  | 152.4 (500)  | 152.4 (500)  | 152.4 (500)                |               |       |                   |      |      |     |  |  |  |  |
|       |       | 1.5    | 2        | 7.6 (25)    | 91.4 (300)   | 121.9 (400) | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 91.4 (300)  | 182.9 (600) | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                | 182.9 (600)   |       |                   |      |      |     |  |  |  |  |
|       |       |        | 4        | 7.6 (25)    | 91.4 (300)   | 121.9 (400) | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 91.4 (300)  | 182.9 (600) | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                | 182.9 (600)   |       |                   |      |      |     |  |  |  |  |
| 2.2   |       | 2      | 7.6 (25) | 91.4 (300)  | 121.9 (400)  | 182.9 (600) | 182.9 (600)  | 182.9 (600)  | 91.4 (300)   | 182.9 (600) | 182.9 (600) | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                |               |       |                   |      |      |     |  |  |  |  |
|       |       | 4      | 7.6 (25) | 91.4 (300)  | 121.9 (400)  | 182.9 (600) | 182.9 (600)  | 182.9 (600)  | 91.4 (300)   | 182.9 (600) | 182.9 (600) | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                |               |       |                   |      |      |     |  |  |  |  |
| 4.0   |       | 2      | 7.6 (25) | 91.4 (300)  | 152.4 (500)  | 243.8 (800) | 243.8 (800)  | 243.8 (800)  | 91.4 (300)   | 243.8 (800) | 243.8 (800) | 243.8 (800)  | 243.8 (800)  | 243.8 (800)                              | 243.8 (800)  | 243.8 (800)  | 243.8 (800)  | 243.8 (800)  | 243.8 (800)                | 321-RWR12-DP  |       |                   |      |      |     |  |  |  |  |
|       |       | 4      | 7.6 (25) | 91.4 (300)  | 121.9 (400)  | 182.9 (600) | 182.9 (600)  | 182.9 (600)  | 91.4 (300)   | 182.9 (600) | 182.9 (600) | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                |               |       |                   |      |      |     |  |  |  |  |
| 5.5   |       | 2      | 7.6 (25) | 91.4 (300)  | 182.9 (600)  | 274.3 (900) | 304.8 (1000) | 304.8 (1000) | 91.4 (300)   | 274.3 (900) | 274.3 (900) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               | 321-RWR12-DP  |       |                   |      |      |     |  |  |  |  |
|       |       | 4      | 7.6 (25) | 91.4 (300)  | 137.2 (450)  | 182.9 (600) | 182.9 (600)  | 182.9 (600)  | 91.4 (300)   | 182.9 (600) | 182.9 (600) | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                |               |       |                   |      |      |     |  |  |  |  |
| 7.5   |       | 2      | 7.6 (25) | 91.4 (300)  | 182.9 (600)  | 274.3 (900) | 365.8 (1200) | 365.8 (1200) | 91.4 (300)   | 274.3 (900) | 274.3 (900) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               | 1321-RWR18-DP |       |                   |      |      |     |  |  |  |  |
|       |       | 4      | 7.6 (25) | 91.4 (300)  | 137.2 (450)  | 182.9 (600) | 213.4 (700)  | 213.4 (700)  | 91.4 (300)   | 182.9 (600) | 182.9 (600) | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                |               |       |                   |      |      |     |  |  |  |  |
| 11    |       | 2      | 7.6 (25) | 91.4 (300)  | 182.9 (600)  | 274.3 (900) | 365.8 (1200) | 365.8 (1200) | 91.4 (300)   | 274.3 (900) | 274.3 (900) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               | 1321-RWR25-DP |       |                   |      |      |     |  |  |  |  |
|       |       | 4      | 7.6 (25) | 91.4 (300)  | 137.2 (450)  | 182.9 (600) | 213.4 (700)  | 213.4 (700)  | 91.4 (300)   | 182.9 (600) | 182.9 (600) | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                |               |       |                   |      |      |     |  |  |  |  |

Table 50 - PowerFlex 753 and 755 Wall Mount Drives, 400V Shielded/Unshielded Cable – Meters (Feet) (continued)

| Frame | Drive | Rating |              | No Solution    |                |                 |                 |               | Reactor Only    |                 |                 |                 |                 | Reactor and Damping Resistor or<br>1321-RWR |                 |                 |                 |                 | Reactor/RWR<br>(see page 163) | Resistor |       | Available<br>Options |      |      |     |  |
|-------|-------|--------|--------------|----------------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------------|-----------------|-----------------|---|-----------------|-----------------|-----------------|-----------------|-------------------------------|----------|-------|----------------------|------|------|-----|--|
|       |       | kW     | kHz          | 1000V          | 1200V          | 1350V           | 1488V           | 1600V         | 1000V           | 1200V           | 1350V           | 1488V           | 1600V           | 1000V                                       | 1200V           | 1350V           | 1488V           | 1600V           | Cat. No.                      | Ohms     | Watts | TFA1                 | TFB2 | RWR2 | RWC |  |
| 3     | 15    | 2      | 7.6<br>(25)  | 137.2<br>(450) | 198.1<br>(650) | 365.8<br>(1200) | 365.8<br>(1200) | 91.4<br>(300) | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200)                             | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200) | 1321-RWR35-DP                 |          |       |                      |      | •    |     |  |
|       |       | 4      | 7.6<br>(25)  | 91.4<br>(300)  | 121.9<br>(400) | 152.4<br>(500)  | 213.4<br>(700)  | 18.3<br>(60)  | 91.4<br>(300)   | 121.9<br>(400)  | 365.8<br>(1200) | 365.8<br>(1200) | 182.9<br>(600)  | 304.8<br>(1000)                             | 304.8<br>(1000) | 365.8<br>(1200) | 365.8<br>(1200) |                 |                               |          |       |                      |      |      |     |  |
|       | 18.5  | 2      | 7.6<br>(25)  | 137.2<br>(450) | 228.6<br>(750) | 365.8<br>(1200) | 365.8<br>(1200) | 91.4<br>(300) | 365.8<br>(1200) | 228.6<br>(750)  | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200)                             | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200) | 1321-RWR35-DP                 |          |       |                      |      | •    |     |  |
|       |       | 4      | 7.6<br>(25)  | 91.4<br>(300)  | 121.9<br>(400) | 152.4<br>(500)  | 213.4<br>(700)  | 18.3<br>(60)  | 91.4<br>(300)   | 121.9<br>(400)  | 365.8<br>(1200) | 365.8<br>(1200) | 182.9<br>(600)  | 304.8<br>(1000)                             | 304.8<br>(1000) | 365.8<br>(1200) | 365.8<br>(1200) |                 |                               |          |       |                      |      |      |     |  |
|       | 22    | 2      | 7.6<br>(25)  | 137.2<br>(450) | 228.6<br>(750) | 365.8<br>(1200) | 365.8<br>(1200) | 91.4<br>(300) | 365.8<br>(1200) | 228.6<br>(750)  | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200)                             | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200) | 1321-RWR45-DP                 |          |       |                      |      | •    |     |  |
|       |       | 4      | 7.6<br>(25)  | 91.4<br>(300)  | 121.9<br>(400) | 152.4<br>(500)  | 213.4<br>(700)  | 18.3<br>(60)  | 91.4<br>(300)   | 121.9<br>(400)  | 365.8<br>(1200) | 365.8<br>(1200) | 182.9<br>(600)  | 304.8<br>(1000)                             | 304.8<br>(1000) | 365.8<br>(1200) | 365.8<br>(1200) |                 |                               |          |       |                      |      |      |     |  |
| 4     | 30    | 2      | 7.6<br>(25)  | 137.2<br>(450) | 182.9<br>(600) | 304.8<br>(1000) | 365.8<br>(1200) | 91.4<br>(300) | 365.8<br>(1200) | 228.6<br>(750)  | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200)                             | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200) | 1321-RWR55-DP                 |          |       |                      |      | •    |     |  |
|       |       | 4      | 7.6<br>(25)  | 91.4<br>(300)  | 121.9<br>(400) | 152.4<br>(500)  | 213.4<br>(700)  | 18.3<br>(60)  | 91.4<br>(300)   | 121.9<br>(400)  | 365.8<br>(1200) | 365.8<br>(1200) | 182.9<br>(600)  | 304.8<br>(1000)                             | 304.8<br>(1000) | 365.8<br>(1200) | 365.8<br>(1200) |                 |                               |          |       |                      |      |      |     |  |
|       | 37    | 2      | 12.2<br>(40) | 137.2<br>(450) | 182.9<br>(600) | 304.8<br>(1000) | 365.8<br>(1200) | 91.4<br>(300) | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200)                             | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200) | 1321-RWR80-DP                 |          |       |                      |      | •    |     |  |
|       |       | 4      | 12.2<br>(40) | 91.4<br>(300)  | 121.9<br>(400) | 152.4<br>(500)  | 213.4<br>(700)  | 18.3<br>(60)  | 91.4<br>(300)   | 121.9<br>(400)  | 365.8<br>(1200) | 365.8<br>(1200) | 182.9<br>(600)  | 304.8<br>(1000)                             | 304.8<br>(1000) | 365.8<br>(1200) | 365.8<br>(1200) |                 |                               |          |       |                      |      |      |     |  |
| 5     | 45    | 2      | 12.2<br>(40) | 137.2<br>(450) | 182.9<br>(600) | 304.8<br>(1000) | 365.8<br>(1200) | 91.4<br>(300) | 304.8<br>(1000) | 304.8<br>(1000) | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200)                             | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200) | 1321-RWR80-DP                 |          |       |                      |      | •    |     |  |
|       |       | 4      | 12.2<br>(40) | 91.4<br>(300)  | 121.9<br>(400) | 152.4<br>(500)  | 213.4<br>(700)  | 24.4<br>(80)  | 91.4<br>(300)   | 121.9<br>(400)  | 365.8<br>(1200) | 365.8<br>(1200) | 152.4<br>(500)  | 304.8<br>(1000)                             | 304.8<br>(1000) | 365.8<br>(1200) | 365.8<br>(1200) |                 |                               |          |       |                      |      |      |     |  |
|       | 55    | 2      | 12.2<br>(40) | 137.2<br>(450) | 182.9<br>(600) | 304.8<br>(1000) | 365.8<br>(1200) | 91.4<br>(300) | 274.3<br>(900)  | 274.3<br>(900)  | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200)                             | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200) | 1321-RWR100-DP                |          |       |                      |      | •    |     |  |
|       |       | 4      | 12.2<br>(40) | 91.4<br>(300)  | 121.9<br>(400) | 152.4<br>(500)  | 213.4<br>(700)  | 24.4<br>(80)  | 91.4<br>(300)   | 121.9<br>(400)  | 365.8<br>(1200) | 365.8<br>(1200) | 152.4<br>(500)  | 304.8<br>(1000)                             | 304.8<br>(1000) | 365.8<br>(1200) | 365.8<br>(1200) |                 |                               |          |       |                      |      |      |     |  |
| 6     | 75    | 2      | 18.3<br>(60) | 137.2<br>(450) | 182.9<br>(600) | 304.8<br>(1000) | 365.8<br>(1200) | 91.4<br>(300) | 213.4<br>(700)  | 213.4<br>(700)  | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200)                             | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200) | 1321-RWR130-DP                |          |       |                      |      | •    |     |  |
|       |       | 4      | 18.3<br>(60) | 91.4<br>(300)  | 121.9<br>(400) | 152.4<br>(500)  | 213.4<br>(700)  | 30.5<br>(100) | 91.4<br>(300)   | 121.9<br>(400)  | 304.8<br>(1000) | 365.8<br>(1200) | 152.4<br>(500)  | 304.8<br>(1000)                             | 304.8<br>(1000) | 365.8<br>(1200) | 365.8<br>(1200) |                 |                               |          |       |                      |      |      |     |  |
|       | 90    | 2      | 18.3<br>(60) | 137.2<br>(450) | 182.9<br>(600) | 304.8<br>(1000) | 365.8<br>(1200) | 91.4<br>(300) | 213.4<br>(700)  | 213.4<br>(700)  | 365.8<br>(1200) | 365.8<br>(1200) | 304.8<br>(1000) | 365.8<br>(1200)                             | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200) | 1321-RWR160-DP                |          |       |                      |      | •    |     |  |
|       |       | 4      | 18.3<br>(60) | 91.4<br>(300)  | 121.9<br>(400) | 152.4<br>(500)  | 213.4<br>(700)  | 30.5<br>(100) | 91.4<br>(300)   | 121.9<br>(400)  | 365.8<br>(1200) | 365.8<br>(1200) | 121.9<br>(400)  | 243.8<br>(800)                              | 243.8<br>(800)  | 365.8<br>(1200) | 365.8<br>(1200) |                 |                               |          |       |                      |      |      |     |  |
|       | 110   | 2      | 24.4<br>(80) | 137.2<br>(450) | 182.9<br>(600) | 274.3<br>(900)  | 365.8<br>(1200) | 76.2<br>(250) | 198.1<br>(650)  | 198.1<br>(650)  | 365.8<br>(1200) | 365.8<br>(1200) | 274.3<br>(900)  | 365.8<br>(1200)                             | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200) | 365.8<br>(1200) | 1321-RWR200-DP                |          |       |                      |      | •    |     |  |
|       |       | 4      | 24.4<br>(80) | 91.4<br>(300)  | 121.9<br>(400) | 152.4<br>(500)  | 213.4<br>(700)  | 36.6<br>(120) | 91.4<br>(300)   | 121.9<br>(400)  | 365.8<br>(1200) | 365.8<br>(1200) | 121.9<br>(400)  | 213.4<br>(700)                              | 213.4<br>(700)  | 365.8<br>(1200) | 365.8<br>(1200) |                 |                               |          |       |                      |      |      |     |  |

**Table 50 - PowerFlex 753 and 755 Wall Mount Drives, 400V Shielded/Unshielded Cable – Meters (Feet) (continued)**

| Frame | Drive | Rating |           | No Solution |             |             |              |            | Reactor Only |             |              |              |             | Reactor and Damping Resistor or 1321-RWR |              |              |              |                              | Reactor/RWR<br>(see page 163) | Resistor |       | Available Options |      |      |     |  |
|-------|-------|--------|-----------|-------------|-------------|-------------|--------------|------------|--------------|-------------|--------------|--------------|-------------|--|--------------|--------------|--------------|------------------------------|-------------------------------|----------|-------|-------------------|------|------|-----|--|
|       |       | kW     | kHz       | 1000V       | 1200V       | 1350V       | 1488V        | 1600V      | 1000V        | 1200V       | 1350V        | 1488V        | 1600V       | 1000V                                    | 1200V        | 1350V        | 1488V        | 1600V                        | Cat. No.                      | Ohms     | Watts | TFA1              | TFB2 | RWR2 | RWC |  |
| 7     | 132   | 2      | 24.4 (80) | 137.2 (450) | 167.6 (550) | 274.3 (900) | 365.8 (1200) | 61.0 (200) | 182.9 (600)  | 182.9 (600) | 365.8 (1200) | 365.8 (1200) | 243.8 (800) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR250-DP               |                               |          |       |                   |      |      |     |  |
|       |       | 4      | 24.4 (80) | 91.4 (300)  | 121.9 (400) | 152.4 (500) | 213.4 (700)  | 36.6 (120) | 91.4 (300)   | 121.9 (400) | 365.8 (1200) | 365.8 (1200) | 91.4 (300)  | 182.9 (600)                              | 182.9 (600)  | 365.8 (1200) | 365.8 (1200) |                              |                               |          |       |                   |      |      |     |  |
|       | 160   | 2      | 24.4 (80) | 121.9 (400) | 152.4 (500) | 243.8 (800) | 365.8 (1200) | 61.0 (200) | 152.4 (500)  | 152.4 (500) | 304.8 (1000) | 365.8 (1200) | 243.8 (800) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-3RB320-B                | 50                            | 225      |       |                   |      |      |     |  |
|       |       | 4      | 24.4 (80) | 91.4 (300)  | 121.9 (400) | 152.4 (500) | 182.9 (600)  | 36.6 (120) | 91.4 (300)   | 121.9 (400) | 182.9 (600)  | 274.3 (900)  | 91.4 (300)  | 182.9 (600)                              | 182.9 (600)  | 365.8 (1200) | 365.8 (1200) |                              | 50                            | 450      |       |                   |      |      |     |  |
|       | 200   | 2      | 24.4 (80) | 121.9 (400) | 152.4 (500) | 243.8 (800) | 365.8 (1200) | 61.0 (200) | 152.4 (500)  | 152.4 (500) | 304.8 (1000) | 365.8 (1200) | 243.8 (800) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-3RB400-B <sup>(1)</sup> | 20                            | 495      |       |                   |      |      |     |  |
|       |       | 4      | 24.4 (80) | 91.4 (300)  | 114.3 (375) | 152.4 (500) | 182.9 (600)  | 36.6 (120) | 91.4 (300)   | 114.3 (375) | 182.9 (600)  | 228.6 (750)  | 91.4 (300)  | 182.9 (600)                              | 182.9 (600)  | 304.8 (1000) | 365.8 (1200) |                              | 20                            | 990      |       |                   |      |      |     |  |
|       | 250   | 2      | 24.4 (80) | 121.9 (400) | 152.4 (500) | 213.4 (700) | 304.8 (1000) | 45.7 (150) | 121.9 (400)  | 152.4 (500) | 304.8 (1000) | 365.8 (1200) | 228.6 (750) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-3R500-B <sup>(1)</sup>  | 20                            | 495      |       |                   |      |      |     |  |
|       |       | 4      | 24.4 (80) | 91.4 (300)  | 114.3 (375) | 152.4 (500) | 182.9 (600)  | 36.6 (120) | 91.4 (300)   | 114.3 (375) | 167.6 (550)  | 213.4 (700)  | 91.4 (300)  | 182.9 (600)                              | 182.9 (600)  | 304.8 (1000) | 365.8 (1200) |                              | 20                            | 990      |       |                   |      |      |     |  |
|       | 315   | 2      | 24.4 (80) | 121.9 (400) | 152.4 (500) | 213.4 (700) | 259.1 (850)  | 45.7 (150) | 121.9 (400)  | 152.4 (500) | 304.8 (1000) | 365.8 (1200) | 228.6 (750) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-3R600-B <sup>(1)</sup>  | 20                            | 495      |       |                   |      |      |     |  |
|       |       | 4      | 24.4 (80) | 91.4 (300)  | 114.3 (375) | 152.4 (500) | 182.9 (600)  | 36.6 (120) | 91.4 (300)   | 114.3 (375) | 167.6 (550)  | 213.4 (700)  | 91.4 (300)  | 182.9 (600)                              | 182.9 (600)  | 304.8 (1000) | 365.8 (1200) |                              | 20                            | 990      |       |                   |      |      |     |  |

(1) Requires two parallel cables.

**Table 51 - PowerFlex 753 and 755 Wall Mount Drives, 480V Shielded/Unshielded Cable – Meters (Feet)**

| Frame | Drive | Rating |          | No Solution |            |             |             |          | Reactor Only |            |              |              |             | Reactor and Damping Resistor or 1321-RWR |              |              |              |               | Reactor/RWR<br>(see page 163) | Resistor |       | Available Options |      |      |     |  |
|-------|-------|--------|----------|-------------|------------|-------------|-------------|----------|--------------|------------|--------------|--------------|-------------|--|--------------|--------------|--------------|---------------|-------------------------------|----------|-------|-------------------|------|------|-----|--|
|       |       | Hp     | kHz      | 1000V       | 1200V      | 1350V       | 1488V       | 1600V    | 1000V        | 1200V      | 1350V        | 1488V        | 1600V       | 1000V                                    | 1200V        | 1350V        | 1488V        | 1600V         | Cat. No.                      | Ohms     | Watts | TFA1              | TFB2 | RWR2 | RWC |  |
| 1     | 1.0   | 2      | 7.6 (25) | 12.2 (40)   | 30.5 (100) | 83.8 (275)  | 83.8 (275)  | 7.6 (25) | 91.4 (300)   | 91.4 (300) | 152.4 (500)  | 152.4 (500)  | 152.4 (500) | 152.4 (500)                              | 152.4 (500)  | 152.4 (500)  | 152.4 (500)  |               |                               |          |       |                   |      |      |     |  |
|       |       | 4      | 7.6 (25) | 12.2 (40)   | 30.5 (100) | 83.8 (275)  | 83.8 (275)  | 7.6 (25) | 12.2 (40)    | 30.5 (100) | 121.9 (400)  | 152.4 (500)  | 152.4 (500) | 152.4 (500)                              | 152.4 (500)  | 152.4 (500)  | 152.4 (500)  |               |                               |          |       |                   |      |      |     |  |
|       | 2.0   | 2      | 7.6 (25) | 12.2 (40)   | 30.5 (100) | 83.8 (275)  | 83.8 (275)  | 7.6 (25) | 91.4 (300)   | 91.4 (300) | 182.9 (600)  | 182.9 (600)  | 152.4 (500) | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  |               |                               |          |       |                   |      |      |     |  |
|       |       | 4      | 7.6 (25) | 12.2 (40)   | 30.5 (100) | 83.8 (275)  | 83.8 (275)  | 7.6 (25) | 12.2 (40)    | 30.5 (100) | 121.9 (400)  | 182.9 (600)  | 152.4 (500) | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  |               |                               |          |       |                   |      |      |     |  |
|       | 3.0   | 2      | 7.6 (25) | 12.2 (40)   | 61.0 (200) | 106.7 (350) | 152.4 (500) | 7.6 (25) | 91.4 (300)   | 91.4 (300) | 182.9 (600)  | 182.9 (600)  | 152.4 (500) | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  |               |                               |          |       |                   |      |      |     |  |
|       |       | 4      | 7.6 (25) | 12.2 (40)   | 61.0 (200) | 106.7 (350) | 152.4 (500) | 7.6 (25) | 12.2 (40)    | 61.0 (200) | 121.9 (400)  | 182.9 (600)  | 152.4 (500) | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  |               |                               |          |       |                   |      |      |     |  |
|       | 5.0   | 2      | 7.6 (25) | 12.2 (40)   | 61.0 (200) | 106.7 (350) | 152.4 (500) | 7.6 (25) | 91.4 (300)   | 91.4 (300) | 243.8 (800)  | 243.8 (800)  | 152.4 (500) | 243.8 (800)                              | 243.8 (800)  | 243.8 (800)  | 243.8 (800)  | 1321-RWR8-DP  |                               |          |       |                   |      |      |     |  |
|       |       | 4      | 7.6 (25) | 12.2 (40)   | 61.0 (200) | 106.7 (350) | 152.4 (500) | 7.6 (25) | 12.2 (40)    | 61.0 (200) | 121.9 (400)  | 182.9 (600)  | 152.4 (500) | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  |               |                               |          |       |                   |      |      |     |  |
|       | 7.5   | 2      | 7.6 (25) | 12.2 (40)   | 61.0 (200) | 106.7 (350) | 152.4 (500) | 7.6 (25) | 91.4 (300)   | 91.4 (300) | 304.8 (1000) | 304.8 (1000) | 152.4 (500) | 304.8 (1000)                             | 304.8 (1000) | 304.8 (1000) | 304.8 (1000) | 1321-RWR12-DP |                               |          |       |                   |      |      |     |  |
|       |       | 4      | 7.6 (25) | 12.2 (40)   | 61.0 (200) | 106.7 (350) | 152.4 (500) | 7.6 (25) | 12.2 (40)    | 61.0 (200) | 121.9 (400)  | 182.9 (600)  | 152.4 (500) | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  |               |                               |          |       |                   |      |      |     |  |
|       | 10    | 2      | 7.6 (25) | 12.2 (40)   | 61.0 (200) | 106.7 (350) | 152.4 (500) | 7.6 (25) | 91.4 (300)   | 91.4 (300) | 365.8 (1200) | 365.8 (1200) | 152.4 (500) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR18-DP |                               |          |       |                   |      |      |     |  |
|       |       | 4      | 7.6 (25) | 12.2 (40)   | 61.0 (200) | 106.7 (350) | 152.4 (500) | 7.6 (25) | 12.2 (40)    | 61.0 (200) | 121.9 (400)  | 182.9 (600)  | 152.4 (500) | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  |               |                               |          |       |                   |      |      |     |  |

Table 51 - PowerFlex 753 and 755 Wall Mount Drives, 480V Shielded/Unshielded Cable – Meters (Feet) (continued)

| Drive | Rating |          | No Solution |            |             |             |             | Reactor Only |            |              |              |              | Reactor and Damping Resistor or 1321-RWR |              |              |              |              | Reactor/RWR (see page 163) | Resistor      |          | Available Options |       |      |      |      |     |   |
|-------|--------|----------|-------------|------------|-------------|-------------|-------------|--------------|------------|--------------|--------------|--------------|--|--------------|--------------|--------------|--------------|----------------------------|---------------|----------|-------------------|-------|------|------|------|-----|---|
|       | Frame  | Hp       | kHz         | 1000V      | 1200V       | 1350V       | 1488V       | 1600V        | 1000V      | 1200V        | 1350V        | 1488V        | 1600V                                    | 1000V        | 1200V        | 1350V        | 1488V        |                            | 1600V         | Cat. No. | Ohms              | Watts | TFB1 | TFB2 | RWR2 | RWC |   |
| 2     | 1.0    | 2        | 7.6 (25)    | 12.2 (40)  | 30.5 (100)  | 83.8 (275)  | 83.8 (275)  | 7.6 (25)     | 91.4 (300) | 91.4 (300)   | 152.4 (500)  | 152.4 (500)  | 152.4 (500)                              | 152.4 (500)  | 152.4 (500)  | 152.4 (500)  | 152.4 (500)  | 152.4 (500)                |               |          |                   | •     |      | •    |      |     |   |
|       |        | 4        | 7.6 (25)    | 12.2 (40)  | 30.5 (100)  | 83.8 (275)  | 83.8 (275)  | 7.6 (25)     | 12.2 (40)  | 30.5 (100)   | 121.9 (400)  | 152.4 (500)  | 152.4 (500)                              | 152.4 (500)  | 152.4 (500)  | 152.4 (500)  | 152.4 (500)  | 152.4 (500)                |               |          |                   | •     |      | •    |      |     |   |
|       | 2.0    | 2        | 7.6 (25)    | 12.2 (40)  | 30.5 (100)  | 83.8 (275)  | 83.8 (275)  | 7.6 (25)     | 91.4 (300) | 91.4 (300)   | 182.9 (600)  | 182.9 (600)  | 152.4 (500)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                | 182.9 (600)   |          |                   |       | •    | •    | •    |     |   |
|       |        | 4        | 7.6 (25)    | 12.2 (40)  | 30.5 (100)  | 83.8 (275)  | 83.8 (275)  | 7.6 (25)     | 12.2 (40)  | 30.5 (100)   | 121.9 (400)  | 182.9 (600)  | 152.4 (500)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                |               |          |                   | •     |      | •    |      |     |   |
|       | 3.0    | 2        | 7.6 (25)    | 12.2 (40)  | 61.0 (200)  | 106.7 (350) | 152.4 (500) | 7.6 (25)     | 91.4 (300) | 91.4 (300)   | 182.9 (600)  | 182.9 (600)  | 152.4 (500)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                | 182.9 (600)   |          |                   |       | •    | •    | •    |     |   |
|       |        | 4        | 7.6 (25)    | 12.2 (40)  | 61.0 (200)  | 106.7 (350) | 152.4 (500) | 7.6 (25)     | 12.2 (40)  | 61.0 (200)   | 121.9 (400)  | 182.9 (600)  | 152.4 (500)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                |               |          |                   | •     |      | •    |      |     |   |
|       | 5.0    | 2        | 7.6 (25)    | 12.2 (40)  | 61.0 (200)  | 106.7 (350) | 152.4 (500) | 7.6 (25)     | 91.4 (300) | 91.4 (300)   | 243.8 (800)  | 243.8 (800)  | 152.4 (500)                              | 243.8 (800)  | 243.8 (800)  | 243.8 (800)  | 243.8 (800)  | 243.8 (800)                | 1321-RWR8-DP  |          |                   |       |      |      | •    | •   |   |
|       |        | 4        | 7.6 (25)    | 12.2 (40)  | 61.0 (200)  | 106.7 (350) | 152.4 (500) | 7.6 (25)     | 12.2 (40)  | 61.0 (200)   | 121.9 (400)  | 182.9 (600)  | 152.4 (500)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  |                            |               |          |                   |       |      |      | •    |     |   |
|       | 7.5    | 2        | 7.6 (25)    | 12.2 (40)  | 61.0 (200)  | 106.7 (350) | 152.4 (500) | 7.6 (25)     | 91.4 (300) | 91.4 (300)   | 304.8 (1000) | 304.8 (1000) | 152.4 (500)                              | 304.8 (1000) | 304.8 (1000) | 304.8 (1000) | 304.8 (1000) | 304.8 (1000)               | 1321-RWR12-DP |          |                   |       |      |      | •    |     | • |
|       |        | 4        | 7.6 (25)    | 12.2 (40)  | 61.0 (200)  | 106.7 (350) | 152.4 (500) | 7.6 (25)     | 12.2 (40)  | 61.0 (200)   | 121.9 (400)  | 182.9 (600)  | 152.4 (500)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  |                            |               |          |                   |       |      |      |      | •   |   |
|       | 10     | 2        | 7.6 (25)    | 12.2 (40)  | 61.0 (200)  | 106.7 (350) | 152.4 (500) | 7.6 (25)     | 91.4 (300) | 91.4 (300)   | 365.8 (1200) | 365.8 (1200) | 152.4 (500)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               | 1321-RWR18-DP |          |                   |       |      |      | •    |     | • |
|       |        | 4        | 7.6 (25)    | 12.2 (40)  | 61.0 (200)  | 106.7 (350) | 152.4 (500) | 7.6 (25)     | 12.2 (40)  | 61.0 (200)   | 121.9 (400)  | 182.9 (600)  | 152.4 (500)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  |                            |               |          |                   |       |      |      |      | •   |   |
| 15    | 2      | 7.6 (25) | 12.2 (40)   | 61.0 (200) | 106.7 (350) | 152.4 (500) | 7.6 (25)    | 91.4 (300)   | 91.4 (300) | 365.8 (1200) | 365.8 (1200) | 152.4 (500)  | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR25-DP              |               |          |                   |       |      | •    |      |     |   |
|       | 4      | 7.6 (25) | 12.2 (40)   | 61.0 (200) | 106.7 (350) | 152.4 (500) | 7.6 (25)    | 12.2 (40)    | 61.0 (200) | 121.9 (400)  | 182.9 (600)  | 152.4 (500)  | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  |              |                            |               |          |                   |       |      |      |      |     |   |
| 3     | 20     | 2        | 7.6 (25)    | 12.2 (40)  | 76.2 (250)  | 137.2 (450) | 182.9 (600) | 7.6 (25)     | 91.4 (300) | 91.4 (300)   | 365.8 (1200) | 365.8 (1200) | 182.9 (600)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               | 1321-RWR35-DP |          |                   |       |      |      | •    |     |   |
|       |        | 4        | 7.6 (25)    | 12.2 (40)  | 61.0 (200)  | 121.9 (400) | 182.9 (600) | 7.6 (25)     | 12.2 (40)  | 61.0 (200)   | 121.9 (400)  | 304.8 (1000) | 182.9 (600)                              | 304.8 (1000) | 304.8 (1000) | 365.8 (1200) | 365.8 (1200) |                            |               |          |                   |       |      |      |      |     |   |
|       | 25     | 2        | 7.6 (25)    | 12.2 (40)  | 76.2 (250)  | 137.2 (450) | 182.9 (600) | 7.6 (25)     | 76.2 (250) | 76.2 (250)   | 365.8 (1200) | 365.8 (1200) | 182.9 (600)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               | 1321-RWR35-DP |          |                   |       |      |      | •    |     |   |
|       |        | 4        | 7.6 (25)    | 12.2 (40)  | 61.0 (200)  | 121.9 (400) | 182.9 (600) | 7.6 (25)     | 12.2 (40)  | 61.0 (200)   | 121.9 (400)  | 274.3 (900)  | 152.4 (500)                              | 304.8 (1000) | 304.8 (1000) | 365.8 (1200) | 365.8 (1200) |                            |               |          |                   |       |      |      |      |     |   |
| 30    | 2      | 7.6 (25) | 12.2 (40)   | 76.2 (250) | 137.2 (450) | 182.9 (600) | 7.6 (25)    | 76.2 (250)   | 76.2 (250) | 365.8 (1200) | 365.8 (1200) | 182.9 (600)  | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR45-DP              |               |          |                   |       |      | •    |      |     |   |
|       | 4      | 7.6 (25) | 12.2 (40)   | 61.0 (200) | 121.9 (400) | 182.9 (600) | 7.6 (25)    | 12.2 (40)    | 61.0 (200) | 121.9 (400)  | 243.8 (800)  | 152.4 (500)  | 304.8 (1000)                             | 304.8 (1000) | 365.8 (1200) | 365.8 (1200) |              |                            |               |          |                   |       |      |      |      |     |   |
| 4     | 40     | 2        | 7.6 (25)    | 12.2 (40)  | 76.2 (250)  | 137.2 (450) | 182.9 (600) | 7.6 (25)     | 76.2 (250) | 76.2 (250)   | 365.8 (1200) | 365.8 (1200) | 152.4 (500)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               | 1321-RWR55-DP |          |                   |       |      |      | •    |     |   |
|       |        | 4        | 7.6 (25)    | 12.2 (40)  | 61.0 (200)  | 106.7 (350) | 152.4 (500) | 7.6 (25)     | 12.2 (40)  | 61.0 (200)   | 106.7 (350)  | 228.6 (750)  | 121.9 (400)                              | 243.8 (800)  | 243.8 (800)  | 365.8 (1200) | 365.8 (1200) |                            |               |          |                   |       |      |      |      |     |   |
|       | 50     | 2        | 12.2 (40)   | 18.3 (60)  | 76.2 (250)  | 137.2 (450) | 182.9 (600) | 12.2 (40)    | 61.0 (200) | 76.2 (250)   | 304.8 (1000) | 365.8 (1200) | 152.4 (500)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               | 1321-RWR80-DP |          |                   |       |      |      | •    |     |   |
|       |        | 4        | 7.6 (25)    | 12.2 (40)  | 61.0 (200)  | 91.4 (300)  | 152.4 (500) | 12.2 (40)    | 18.3 (60)  | 61.0 (200)   | 106.7 (350)  | 228.6 (750)  | 91.4 (300)                               | 243.8 (800)  | 243.8 (800)  | 365.8 (1200) | 365.8 (1200) |                            |               |          |                   |       |      |      |      |     |   |

**Table 51 - PowerFlex 753 and 755 Wall Mount Drives, 480V Shielded/Unshielded Cable – Meters (Feet) (continued)**

| Drive | Rating |     | No Solution |            |            |             |             | Reactor Only |            |            |              |              | Reactor and Damping Resistor or 1321-RWR |              |              |              |              | Reactor/RWR (see page 163) | Resistor       |                    | Available Options |      |      |      |     |  |
|-------|--------|-----|-------------|------------|------------|-------------|-------------|--------------|------------|------------|--------------|--------------|--|--------------|--------------|--------------|--------------|----------------------------|----------------|--------------------|-------------------|------|------|------|-----|--|
|       | Hp     | kHz | 1000V       | 1200V      | 1350V      | 1488V       | 1600V       | 1000V        | 1200V      | 1350V      | 1488V        | 1600V        | 1000V                                    | 1200V        | 1350V        | 1488V        | 1600V        |                            | Cat. No.       | Ohms               | Watts             | TFA1 | TFB2 | RWR2 | RWC |  |
| 5     | 60     | 2   | 12.2 (40)   | 18.3 (60)  | 91.4 (300) | 137.2 (450) | 182.9 (600) | 12.2 (40)    | 61.0 (200) | 91.4 (300) | 304.8 (1000) | 365.8 (1200) | 137.2 (450)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR80-DP              |                |                    |                   | •    |      |      |     |  |
|       |        | 4   | 7.6 (25)    | 12.2 (40)  | 61.0 (200) | 91.4 (300)  | 152.4 (500) | 12.2 (40)    | 24.4 (80)  | 61.0 (200) | 91.4 (300)   | 228.6 (750)  | 76.2 (250)                               | 213.4 (700)  | 213.4 (700)  | 365.8 (1200) | 365.8 (1200) |                            |                |                    |                   |      |      |      |     |  |
|       | 75     | 2   | 12.2 (40)   | 18.3 (60)  | 91.4 (300) | 137.2 (450) | 182.9 (600) | 12.2 (40)    | 61.0 (200) | 91.4 (300) | 274.3 (900)  | 365.8 (1200) | 137.2 (450)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR100-DP             |                |                    |                   | •    |      |      |     |  |
|       |        | 4   | 7.6 (25)    | 12.2 (40)  | 61.0 (200) | 91.4 (300)  | 152.4 (500) | 12.2 (40)    | 24.4 (80)  | 61.0 (200) | 91.4 (300)   | 182.9 (600)  | 76.2 (250)                               | 182.9 (600)  | 182.9 (600)  | 365.8 (1200) | 365.8 (1200) |                            |                |                    |                   |      |      |      |     |  |
| 6     | 100    | 2   | 12.2 (40)   | 24.4 (80)  | 91.4 (300) | 137.2 (450) | 182.9 (600) | 12.2 (40)    | 61.0 (200) | 91.4 (300) | 243.8 (800)  | 365.8 (1200) | 137.2 (450)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR130-DP             |                |                    |                   | •    |      |      |     |  |
|       |        | 4   | 7.6 (25)    | 18.3 (60)  | 61.0 (200) | 91.4 (300)  | 152.4 (500) | 12.2 (40)    | 30.5 (100) | 61.0 (200) | 91.4 (300)   | 152.4 (500)  | 61.0 (200)                               | 137.2 (450)  | 137.2 (450)  | 304.8 (1000) | 365.8 (1200) |                            |                |                    |                   |      |      |      |     |  |
|       | 125    | 2   | 12.2 (40)   | 24.4 (80)  | 91.4 (300) | 137.2 (450) | 182.9 (600) | 12.2 (40)    | 61.0 (200) | 91.4 (300) | 243.8 (800)  | 365.8 (1200) | 121.9 (400)                              | 304.8 (1000) | 304.8 (1000) | 365.8 (1200) | 365.8 (1200) | 1321-RWR160-DP             |                |                    |                   | •    |      |      |     |  |
|       |        | 4   | 7.6 (25)    | 18.3 (60)  | 61.0 (200) | 91.4 (300)  | 152.4 (500) | 12.2 (40)    | 30.5 (100) | 61.0 (200) | 91.4 (300)   | 152.4 (500)  | 61.0 (200)                               | 137.2 (450)  | 137.2 (450)  | 304.8 (1000) | 365.8 (1200) |                            |                |                    |                   |      |      |      |     |  |
|       | 150    | 2   | 12.2 (40)   | 24.4 (80)  | 91.4 (300) | 137.2 (450) | 182.9 (600) | 12.2 (40)    | 61.0 (200) | 91.4 (300) | 243.8 (800)  | 304.8 (1000) | 91.4 (300)                               | 274.3 (900)  | 274.3 (900)  | 365.8 (1200) | 365.8 (1200) | 1321-RWR200-DP             |                |                    |                   | •    |      |      |     |  |
|       |        | 4   | 7.6 (25)    | 24.4 (80)  | 61.0 (200) | 91.4 (300)  | 152.4 (500) | 12.2 (40)    | 30.5 (100) | 61.0 (200) | 91.4 (300)   | 152.4 (500)  | 61.0 (200)                               | 137.2 (450)  | 137.2 (450)  | 304.8 (1000) | 365.8 (1200) |                            |                |                    |                   |      |      |      |     |  |
|       | 7      | 200 | 2           | 12.2 (40)  | 30.5 (100) | 91.4 (300)  | 137.2 (450) | 167.6 (550)  | 12.2 (40)  | 61.0 (200) | 91.4 (300)   | 198.1 (650)  | 259.1 (850)                              | 76.2 (250)   | 213.4 (700)  | 213.4 (700)  | 304.8 (1000) | 365.8 (1200)               | 1321-RWR250-DP |                    |                   |      | •    |      |     |  |
|       |        |     | 4           | 7.6 (25)   | 24.4 (80)  | 61.0 (200)  | 91.4 (300)  | 121.9 (400)  | 12.2 (40)  | 30.5 (100) | 61.0 (200)   | 91.4 (300)   | 121.9 (400)                              | 45.7 (150)   | 137.2 (450)  | 137.2 (450)  | 243.8 (800)  | 304.8 (1000)               |                |                    |                   |      |      |      |     |  |
| 250   |        | 2   | 12.2 (40)   | 30.5 (100) | 91.4 (300) | 137.2 (450) | 167.6 (550) | 12.2 (40)    | 61.0 (200) | 91.4 (300) | 198.1 (650)  | 259.1 (850)  | 76.2 (250)                               | 213.4 (700)  | 213.4 (700)  | 304.8 (1000) | 365.8 (1200) | 1321-3RB320-B              | 50             | 225                |                   | •    |      |      |     |  |
|       |        | 4   | 7.6 (25)    | 24.4 (80)  | 61.0 (200) | 91.4 (300)  | 121.9 (400) | 12.2 (40)    | 30.5 (100) | 61.0 (200) | 91.4 (300)   | 121.9 (400)  | 45.7 (150)                               | 137.2 (450)  | 137.2 (450)  | 243.8 (800)  | 304.8 (1000) |                            | 50             | 450                |                   |      |      |      |     |  |
| 300   |        | 2   | 12.2 (40)   | 30.5 (100) | 76.2 (250) | 106.7 (350) | 152.4 (500) | 12.2 (40)    | 45.7 (150) | 76.2 (250) | 137.2 (450)  | 182.9 (600)  | 61.0 (200)                               | 213.4 (700)  | 213.4 (700)  | 304.8 (1000) | 365.8 (1200) | 1321-3RB400-B              | 20             | 495 <sup>(1)</sup> |                   | •    |      |      |     |  |
|       |        | 4   | 7.6 (25)    | 24.4 (80)  | 61.0 (200) | 91.4 (300)  | 121.9 (400) | 12.2 (40)    | 30.5 (100) | 61.0 (200) | 91.4 (300)   | 121.9 (400)  | 45.7 (150)                               | 137.2 (450)  | 137.2 (450)  | 243.8 (800)  | 304.8 (1000) |                            | 20             | 990 <sup>(1)</sup> |                   |      |      |      |     |  |
| 350   |        | 2   | 12.2 (40)   | 30.5 (100) | 76.2 (250) | 106.7 (350) | 152.4 (500) | 12.2 (40)    | 45.7 (150) | 76.2 (250) | 137.2 (450)  | 182.9 (600)  | 61.0 (200)                               | 213.4 (700)  | 213.4 (700)  | 304.8 (1000) | 365.8 (1200) | 1321-3RB400-B              | 20             | 495 <sup>(1)</sup> |                   | •    |      |      |     |  |
|       |        | 4   | 7.6 (25)    | 24.4 (80)  | 61.0 (200) | 91.4 (300)  | 121.9 (400) | 12.2 (40)    | 30.5 (100) | 61.0 (200) | 91.4 (300)   | 121.9 (400)  | 45.7 (150)                               | 137.2 (450)  | 137.2 (450)  | 243.8 (800)  | 304.8 (1000) |                            | 20             | 990 <sup>(1)</sup> |                   |      |      |      |     |  |
| 400   |        | 2   | 12.2 (40)   | 30.5 (100) | 76.2 (250) | 106.7 (350) | 152.4 (500) | 12.2 (40)    | 45.7 (150) | 76.2 (250) | 137.2 (450)  | 182.9 (600)  | 61.0 (200)                               | 213.4 (700)  | 213.4 (700)  | 304.8 (1000) | 365.8 (1200) | 1321-3RS500-B              | 20             | 495 <sup>(1)</sup> |                   | •    |      |      |     |  |
|       |        | 4   | 7.6 (25)    | 24.4 (80)  | 61.0 (200) | 91.4 (300)  | 121.9 (400) | 12.2 (40)    | 30.5 (100) | 61.0 (200) | 91.4 (300)   | 121.9 (400)  | 45.7 (150)                               | 137.2 (450)  | 137.2 (450)  | 243.8 (800)  | 304.8 (1000) |                            | 20             | 990 <sup>(1)</sup> |                   |      |      |      |     |  |

(1) Resistor specification is based on two parallel cables per phase.

**Table 52 - PowerFlex 753 and 755 Wall Mount Drives, 600V Shielded/Unshielded Cable – Meters (Feet)**

| Drive | Rating |           | No Solution |             |             | Reactor Only |              |              | Reactor and Damping Resistor or 1321-RWR |              |              | Reactor/RWR (see page 163) | Resistor      |      | Available Options |      |      |      |     |   |
|-------|--------|-----------|-------------|-------------|-------------|--------------|--------------|--------------|--|--------------|--------------|----------------------------|---------------|------|-------------------|------|------|------|-----|---|
|       | Frame  | HP        | kHz         | 1488V       | 1850V       | 2150V        | 1488V        | 1850V        | 2150V                                    | 1488V        | 1850V        | 2150V                      | Cat. No.      | Ohms | Watts             | TFA1 | TFB2 | RWR2 | RWC |   |
| 3     | 1.0    | 2         | 24.4 (80)   | 121.9 (400) | 213.4 (700) | 24.4 (80)    | 182.9 (600)  | 213.4 (700)  | 182.9 (600)                              | 182.9 (600)  | 213.4 (700)  |                            |               |      |                   | •    |      | •    | •   |   |
|       |        | 4         | 24.4 (80)   | 121.9 (400) | 182.9 (600) | 24.4 (80)    | 121.9 (400)  | 182.9 (600)  | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  |                            |               |      |                   | •    |      | •    | •   |   |
|       | 2.0    | 2         | 24.4 (80)   | 121.9 (400) | 213.4 (700) | 24.4 (80)    | 182.9 (600)  | 213.4 (700)  | 182.9 (600)                              | 182.9 (600)  | 213.4 (700)  |                            |               |      |                   | •    | •    | •    | •   |   |
|       |        | 4         | 24.4 (80)   | 121.9 (400) | 182.9 (600) | 24.4 (80)    | 121.9 (400)  | 182.9 (600)  | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  |                            |               |      |                   | •    |      | •    | •   |   |
|       | 3.0    | 2         | 24.4 (80)   | 121.9 (400) | 213.4 (700) | 24.4 (80)    | 182.9 (600)  | 213.4 (700)  | 182.9 (600)                              | 182.9 (600)  | 213.4 (700)  |                            |               |      |                   | •    | •    | •    | •   |   |
|       |        | 4         | 24.4 (80)   | 121.9 (400) | 182.9 (600) | 24.4 (80)    | 121.9 (400)  | 182.9 (600)  | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  |                            |               |      |                   | •    |      | •    | •   |   |
|       | 5.0    | 2         | 24.4 (80)   | 121.9 (400) | 213.4 (700) | 24.4 (80)    | 243.8 (800)  | 243.8 (800)  | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) |                            | 1321-RWR8-EP  |      |                   |      | •    | •    | •   | • |
|       |        | 4         | 24.4 (80)   | 121.9 (400) | 182.9 (600) | 24.4 (80)    | 121.9 (400)  | 182.9 (600)  | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) |                            |               |      |                   |      | •    |      | •   | • |
|       | 7.5    | 2         | 24.4 (80)   | 121.9 (400) | 213.4 (700) | 24.4 (80)    | 304.8 (1000) | 304.8 (1000) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) |                            | 1321-RWR12-EP |      |                   |      |      | •    |     | • |
|       |        | 4         | 24.4 (80)   | 121.9 (400) | 182.9 (600) | 24.4 (80)    | 121.9 (400)  | 182.9 (600)  | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) |                            |               |      |                   |      |      |      | •   |   |
|       | 10     | 2         | 24.4 (80)   | 121.9 (400) | 213.4 (700) | 24.4 (80)    | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) |                            | 1321-RWR12-EP |      |                   |      |      | •    |     |   |
|       |        | 4         | 24.4 (80)   | 121.9 (400) | 182.9 (600) | 24.4 (80)    | 121.9 (400)  | 182.9 (600)  | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) |                            |               |      |                   |      |      |      |     |   |
| 15    | 2      | 24.4 (80) | 121.9 (400) | 213.4 (700) | 36.6 (120)  | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) |              | 1321-RWR18-EP              |               |      |                   |      | •    |      |     |   |
|       | 4      | 24.4 (80) | 121.9 (400) | 182.9 (600) | 36.6 (120)  | 121.9 (400)  | 182.9 (600)  | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) |              |                            |               |      |                   |      |      |      |     |   |
| 20    | 2      | 24.4 (80) | 121.9 (400) | 213.4 (700) | 36.6 (120)  | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) |              | 1321-RWR25-EP              |               |      |                   |      | •    |      |     |   |
|       | 4      | 24.4 (80) | 121.9 (400) | 182.9 (600) | 36.6 (120)  | 121.9 (400)  | 182.9 (600)  | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) |              |                            |               |      |                   |      |      |      |     |   |
| 4     | 25     | 2         | 24.4 (80)   | 121.9 (400) | 213.4 (700) | 45.7 (150)   | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) |                            | 1321-RWR35-EP |      |                   |      |      | •    |     |   |
|       |        | 4         | 24.4 (80)   | 121.9 (400) | 182.9 (600) | 45.7 (150)   | 106.7 (350)  | 182.9 (600)  | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) |                            |               |      |                   |      |      |      |     |   |
|       | 30     | 2         | 24.4 (80)   | 121.9 (400) | 213.4 (700) | 45.7 (150)   | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) |                            | 1321-RWR35-EP |      |                   |      |      | •    |     |   |
|       |        | 4         | 24.4 (80)   | 121.9 (400) | 182.9 (600) | 45.7 (150)   | 106.7 (350)  | 182.9 (600)  | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) |                            |               |      |                   |      |      |      |     |   |
| 5     | 40     | 2         | 24.4 (80)   | 137.2 (450) | 213.4 (700) | 45.7 (150)   | 365.8 (1200) | 365.8 (1200) | 304.8 (1000)                             | 365.8 (1200) | 365.8 (1200) |                            | 1321-RWR45-EP |      |                   |      |      | •    |     |   |
|       |        | 4         | 24.4 (80)   | 106.7 (350) | 182.9 (600) | 45.7 (150)   | 106.7 (350)  | 182.9 (600)  | 304.8 (1000)                             | 365.8 (1200) | 365.8 (1200) |                            |               |      |                   |      |      |      |     |   |
|       | 50     | 2         | 24.4 (80)   | 137.2 (450) | 213.4 (700) | 45.7 (150)   | 304.8 (1000) | 304.8 (1000) | 304.8 (1000)                             | 365.8 (1200) | 365.8 (1200) |                            | 1321-RWR55-EP |      |                   |      |      | •    |     |   |
|       |        | 4         | 24.4 (80)   | 106.7 (350) | 182.9 (600) | 45.7 (150)   | 91.4 (300)   | 182.9 (600)  | 304.8 (1000)                             | 365.8 (1200) | 365.8 (1200) |                            |               |      |                   |      |      |      |     |   |

**Table 52 - PowerFlex 753 and 755 Wall Mount Drives, 600V Shielded/Unshielded Cable – Meters (Feet) (continued)**

| Drive | Rating |           | No Solution |             |             | Reactor Only |              |              | Reactor and Damping Resistor or 1321-RWR |              |              | Reactor/RWR (see page 163) | Resistor      |      | Available Options |      |      |      |     |  |
|-------|--------|-----------|-------------|-------------|-------------|--------------|--------------|--------------|--|--------------|--------------|----------------------------|---------------|------|-------------------|------|------|------|-----|--|
|       | Frame  | HP        | kHz         | 1488V       | 1850V       | 2150V        | 1488V        | 1850V        | 2150V                                    | 1488V        | 1850V        | 2150V                      | Cat. No.      | Ohms | Watts             | TFA1 | TFB2 | RWR2 | RWC |  |
| 6     | 10     | 2         | 24.4 (80)   | 121.9 (400) | 213.4 (700) | 24.4 (80)    | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               | 1321-RWR12-EP |      |                   |      |      | •    |     |  |
|       |        | 4         | 24.4 (80)   | 121.9 (400) | 182.9 (600) | 24.4 (80)    | 106.7 (350)  | 182.9 (600)  | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               |               |      |                   |      |      |      |     |  |
|       | 15     | 2         | 24.4 (80)   | 121.9 (400) | 213.4 (700) | 36.6 (120)   | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               | 1321-RWR18-EP |      |                   |      |      | •    |     |  |
|       |        | 4         | 24.4 (80)   | 121.9 (400) | 182.9 (600) | 36.6 (120)   | 106.7 (350)  | 182.9 (600)  | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               |               |      |                   |      |      |      |     |  |
|       | 20     | 2         | 24.4 (80)   | 121.9 (400) | 213.4 (700) | 36.6 (120)   | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               | 1321-RWR25-EP |      |                   |      |      | •    |     |  |
|       |        | 4         | 24.4 (80)   | 121.9 (400) | 182.9 (600) | 36.6 (120)   | 106.7 (350)  | 182.9 (600)  | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               |               |      |                   |      |      |      |     |  |
|       | 25     | 2         | 24.4 (80)   | 121.9 (400) | 213.4 (700) | 45.7 (150)   | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               | 1321-RWR35-EP |      |                   |      |      | •    |     |  |
|       |        | 4         | 24.4 (80)   | 121.9 (400) | 182.9 (600) | 45.7 (150)   | 106.7 (350)  | 182.9 (600)  | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               |               |      |                   |      |      |      |     |  |
|       | 30     | 2         | 24.4 (80)   | 121.9 (400) | 213.4 (700) | 45.7 (150)   | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               | 1321-RWR35-EP |      |                   |      |      | •    |     |  |
|       |        | 4         | 24.4 (80)   | 121.9 (400) | 182.9 (600) | 45.7 (150)   | 106.7 (350)  | 182.9 (600)  | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               |               |      |                   |      |      |      |     |  |
|       | 40     | 2         | 24.4 (80)   | 137.2 (450) | 213.4 (700) | 45.7 (150)   | 365.8 (1200) | 365.8 (1200) | 304.8 (1000)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               | 1321-RWR45-EP |      |                   |      |      | •    |     |  |
|       |        | 4         | 24.4 (80)   | 106.7 (350) | 182.9 (600) | 45.7 (150)   | 106.7 (350)  | 182.9 (600)  | 304.8 (1000)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               |               |      |                   |      |      |      |     |  |
|       | 50     | 2         | 24.4 (80)   | 137.2 (450) | 213.4 (700) | 45.7 (150)   | 304.8 (1000) | 304.8 (1000) | 304.8 (1000)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               | 1321-RWR55-EP |      |                   |      |      | •    |     |  |
|       |        | 4         | 24.4 (80)   | 106.7 (350) | 182.9 (600) | 45.7 (150)   | 91.4 (300)   | 182.9 (600)  | 304.8 (1000)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               |               |      |                   |      |      |      |     |  |
|       | 60     | 2         | 24.4 (80)   | 137.2 (450) | 213.4 (700) | 45.7 (150)   | 304.8 (1000) | 304.8 (1000) | 304.8 (1000)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               | 1321-RWR80-EP |      |                   |      |      | •    |     |  |
|       |        | 4         | 24.4 (80)   | 106.7 (350) | 182.9 (600) | 45.7 (150)   | 91.4 (300)   | 182.9 (600)  | 304.8 (1000)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               |               |      |                   |      |      |      |     |  |
|       | 75     | 2         | 24.4 (80)   | 137.2 (450) | 213.4 (700) | 45.7 (150)   | 274.3 (900)  | 274.3 (900)  | 243.8 (800)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               | 1321-RWR80-EP |      |                   |      |      | •    |     |  |
|       |        | 4         | 24.4 (80)   | 106.7 (350) | 182.9 (600) | 45.7 (150)   | 91.4 (300)   | 182.9 (600)  | 243.8 (800)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               |               |      |                   |      |      |      |     |  |
| 100   | 2      | 24.4 (80) | 137.2 (450) | 213.4 (700) | 45.7 (150)  | 243.8 (800)  | 243.8 (800)  | 243.8 (800)  | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 1321-RWR100-EP             |               |      |                   |      | •    |      |     |  |
|       | 4      | 24.4 (80) | 106.7 (350) | 182.9 (600) | 45.7 (150)  | 91.4 (300)   | 182.9 (600)  | 243.8 (800)  | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) |                            |               |      |                   |      |      |      |     |  |
| 125   | 2      | 24.4 (80) | 137.2 (450) | 213.4 (700) | 61.0 (200)  | 243.8 (800)  | 243.8 (800)  | 198.1 (650)  | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 1321-RWR130-EP             |               |      |                   |      | •    |      |     |  |
|       | 4      | 24.4 (80) | 106.7 (350) | 182.9 (600) | 61.0 (200)  | 121.9 (400)  | 182.9 (600)  | 152.4 (500)  | 274.3 (900)                              | 274.3 (900)  | 274.3 (900)  |                            |               |      |                   |      |      |      |     |  |
| 150   | 2      | 24.4 (80) | 137.2 (450) | 213.4 (700) | 61.0 (200)  | 243.8 (800)  | 243.8 (800)  | 198.1 (650)  | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 1321-RWR160-EP             |               |      |                   |      | •    |      |     |  |
|       | 4      | 24.4 (80) | 106.7 (350) | 182.9 (600) | 61.0 (200)  | 121.9 (400)  | 182.9 (600)  | 152.4 (500)  | 274.3 (900)                              | 274.3 (900)  | 274.3 (900)  |                            |               |      |                   |      |      |      |     |  |

**Table 52 - PowerFlex 753 and 755 Wall Mount Drives, 600V Shielded/Unshielded Cable – Meters (Feet) (continued)**

| Drive | Rating |    | No Solution |             |             | Reactor Only |             |             | Reactor and Damping Resistor or 1321-RWR |              |              | Reactor/RWR (see page 163) | Resistor |          | Available Options |       |      |      |      |     |
|-------|--------|----|-------------|-------------|-------------|--------------|-------------|-------------|--|--------------|--------------|----------------------------|----------|----------|-------------------|-------|------|------|------|-----|
|       | Frame  | HP | kHz         | 1488V       | 1850V       | 2150V        | 1488V       | 1850V       | 2150V                                    | 1488V        | 1850V        |                            | 2150V    | Cat. No. | Ohms              | Watts | TFA1 | TFB2 | RWR2 | RWC |
| 7     | 200    | 2  | 24.4 (80)   | 137.2 (450) | 213.4 (700) | 61.0 (200)   | 243.8 (800) | 243.8 (800) | 167.6 (550)                              | 365.8 (1200) | 365.8 (1200) | 1321-RWR200-EP             |          |          |                   |       |      | •    |      |     |
|       |        | 4  | 24.4 (80)   | 106.7 (350) | 182.9 (600) | 61.0 (200)   | 121.9 (400) | 182.9 (600) | 121.9 (400)                              | 198.1 (650)  | 198.1 (650)  |                            |          |          |                   |       |      |      |      |     |
|       | 250    | 2  | 24.4 (80)   | 137.2 (450) | 182.9 (600) | 61.0 (200)   | 198.1 (650) | 198.1 (650) | 167.6 (550)                              | 365.8 (1200) | 365.8 (1200) | 1321-RWR250-EP             |          |          |                   |       |      | •    |      |     |
|       |        | 4  | 24.4 (80)   | 106.7 (350) | 182.9 (600) | 61.0 (200)   | 121.9 (400) | 182.9 (600) | 121.9 (400)                              | 198.1 (650)  | 198.1 (650)  |                            |          |          |                   |       |      |      |      |     |
|       | 300    | 2  | 24.4 (80)   | 137.2 (450) | 182.9 (600) | 61.0 (200)   | 152.4 (500) | 182.9 (600) | 167.6 (550)                              | 365.8 (1200) | 365.8 (1200) | 1321-3RB350-B              | 50       | 315      |                   |       |      | •    |      |     |
|       |        | 4  | 24.4 (80)   | 106.7 (350) | 182.9 (600) | 61.0 (200)   | 121.9 (400) | 182.9 (600) | 121.9 (400)                              | 198.1 (650)  | 198.1 (650)  |                            | 50       | 630      |                   |       |      |      |      |     |

**Table 53 - PowerFlex 753 and 755 Wall Mount Drives, 690V Shielded/Unshielded Cable – Meters (Feet)**

| Drive | Rating |           | No Solution |            |            | Reactor Only |             |              | Reactor and Damping Resistor |              |              | Reactor     | Resistor |          | Available Options |       |      |      |      |     |
|-------|--------|-----------|-------------|------------|------------|--------------|-------------|--------------|------------------------------|--------------|--------------|-------------|----------|----------|-------------------|-------|------|------|------|-----|
|       | Frame  | kW        | kHz         | 1488V      | 1850V      | 2150V        | 1488V       | 1850V        | 2150V                        | 1488V        | 1850V        |             | 2150V    | Cat. No. | Ohms              | Watts | TFA1 | TFB2 | RWR2 | RWC |
| 6     | 7.5    | 2         | 24.4 (80)   | 36.6 (120) | 48.8 (160) | 30.5 (100)   | 45.7 (150)  | 48.8 (160)   | 365.8 (1200)                 | 365.8 (1200) | 365.8 (1200) | 1321-3R18-C | 50       | 375      |                   |       |      |      |      |     |
|       |        | 4         | 24.4 (80)   | 36.6 (120) | 48.8 (160) | 30.5 (100)   | 45.7 (150)  | 48.8 (160)   | 365.8 (1200)                 | 365.8 (1200) | 365.8 (1200) |             | 50       | 750      |                   |       |      |      |      |     |
|       | 11     | 2         | 24.4 (80)   | 36.6 (120) | 48.8 (160) | 30.5 (100)   | 45.7 (150)  | 48.8 (160)   | 365.8 (1200)                 | 365.8 (1200) | 365.8 (1200) | 1321-3R25-C | 50       | 375      |                   |       |      |      |      |     |
|       |        | 4         | 24.4 (80)   | 36.6 (120) | 48.8 (160) | 30.5 (100)   | 45.7 (150)  | 48.8 (160)   | 365.8 (1200)                 | 365.8 (1200) | 365.8 (1200) |             | 50       | 750      |                   |       |      |      |      |     |
|       | 15     | 2         | 24.4 (80)   | 36.6 (120) | 48.8 (160) | 30.5 (100)   | 45.7 (150)  | 48.8 (160)   | 365.8 (1200)                 | 365.8 (1200) | 365.8 (1200) | 1321-3R35-C | 50       | 375      |                   |       |      |      |      |     |
|       |        | 4         | 24.4 (80)   | 36.6 (120) | 48.8 (160) | 30.5 (100)   | 45.7 (150)  | 48.8 (160)   | 365.8 (1200)                 | 365.8 (1200) | 365.8 (1200) |             | 50       | 750      |                   |       |      |      |      |     |
|       | 18.5   | 2         | 24.4 (80)   | 36.6 (120) | 48.8 (160) | 30.5 (100)   | 45.7 (150)  | 48.8 (160)   | 365.8 (1200)                 | 365.8 (1200) | 365.8 (1200) | 1321-3R35-C | 50       | 375      |                   |       |      |      |      |     |
|       |        | 4         | 24.4 (80)   | 36.6 (120) | 48.8 (160) | 30.5 (100)   | 45.7 (150)  | 48.8 (160)   | 365.8 (1200)                 | 365.8 (1200) | 365.8 (1200) |             | 50       | 750      |                   |       |      |      |      |     |
|       | 22     | 2         | 24.4 (80)   | 36.6 (120) | 48.8 (160) | 30.5 (100)   | 45.7 (150)  | 48.8 (160)   | 365.8 (1200)                 | 365.8 (1200) | 365.8 (1200) | 1321-3R45-C | 50       | 375      |                   |       |      |      |      |     |
|       |        | 4         | 24.4 (80)   | 36.6 (120) | 48.8 (160) | 30.5 (100)   | 45.7 (150)  | 48.8 (160)   | 365.8 (1200)                 | 365.8 (1200) | 365.8 (1200) |             | 50       | 750      |                   |       |      |      |      |     |
|       | 30     | 2         | 24.4 (80)   | 36.6 (120) | 48.8 (160) | 45.7 (150)   | 76.2 (250)  | 76.2 (250)   | 365.8 (1200)                 | 365.8 (1200) | 365.8 (1200) | 1321-3R45-C | 50       | 375      |                   |       |      |      |      |     |
|       |        | 4         | 24.4 (80)   | 36.6 (120) | 48.8 (160) | 45.7 (150)   | 61.0 (200)  | 61.0 (200)   | 365.8 (1200)                 | 365.8 (1200) | 365.8 (1200) |             | 50       | 750      |                   |       |      |      |      |     |
|       | 37     | 2         | 24.4 (80)   | 45.7 (150) | 61.0 (200) | 61.0 (200)   | 106.7 (350) | 106.7 (350)  | 365.8 (1200)                 | 365.8 (1200) | 365.8 (1200) | 1321-3R55-C | 50       | 375      |                   |       |      |      |      |     |
|       |        | 4         | 24.4 (80)   | 45.7 (150) | 61.0 (200) | 61.0 (200)   | 76.2 (250)  | 76.2 (250)   | 304.8 (1000)                 | 365.8 (1200) | 365.8 (1200) |             | 50       | 750      |                   |       |      |      |      |     |
|       | 45     | 2         | 24.4 (80)   | 45.7 (150) | 61.0 (200) | 61.0 (200)   | 106.7 (350) | 106.7 (350)  | 365.8 (1200)                 | 365.8 (1200) | 365.8 (1200) | 1321-3R80-C | 50       | 375      |                   |       |      |      |      |     |
|       |        | 4         | 24.4 (80)   | 45.7 (150) | 61.0 (200) | 61.0 (200)   | 76.2 (250)  | 76.2 (250)   | 304.8 (1000)                 | 365.8 (1200) | 365.8 (1200) |             | 50       | 750      |                   |       |      |      |      |     |
| 55    | 2      | 24.4 (80) | 45.7 (150)  | 61.0 (200) | 61.0 (200) | 106.7 (350)  | 106.7 (350) | 365.8 (1200) | 365.8 (1200)                 | 365.8 (1200) | 1321-3R80-C  | 50          | 375      |          |                   |       |      |      |      |     |
|       | 4      | 24.4 (80) | 45.7 (150)  | 61.0 (200) | 61.0 (200) | 76.2 (250)   | 76.2 (250)  | 304.8 (1000) | 365.8 (1200)                 | 365.8 (1200) |              | 50          | 750      |          |                   |       |      |      |      |     |

**Table 53 - PowerFlex 753 and 755 Wall Mount Drives, 690V Shielded/Unshielded Cable – Meters (Feet) (continued)**

| Drive | Rating |     | No Solution  |               |               | Reactor Only  |                |                | Reactor and Damping Resistor |                 |                 | Reactor        | Resistor      |               | Available Options |       |      |      |      |     |  |
|-------|--------|-----|--------------|---------------|---------------|---------------|----------------|----------------|------------------------------|-----------------|-----------------|----------------|---------------|---------------|-------------------|-------|------|------|------|-----|--|
|       | Frame  | kW  | kHz          | 1488V         | 1850V         | 2150V         | 1488V          | 1850V          | 2150V                        | 1488V           | 1850V           |                | 2150V         | Cat. No.      | Ohms              | Watts | TFA1 | TFB2 | RWR2 | RWC |  |
| 6     | 75     | 2   | 24.4<br>(80) | 45.7<br>(150) | 61.0<br>(200) | 61.0<br>(200) | 106.7<br>(350) | 106.7<br>(350) | 365.8<br>(1200)              | 365.8<br>(1200) | 365.8<br>(1200) | 1321-3R100-C   | 50            | 375           |                   |       |      |      |      |     |  |
|       |        |     | 24.4<br>(80) | 45.7<br>(150) | 61.0<br>(200) | 61.0<br>(200) | 76.2<br>(250)  | 76.2<br>(250)  | 304.8<br>(1000)              | 365.8<br>(1200) | 365.8<br>(1200) |                | 50            | 750           |                   |       |      |      |      |     |  |
|       |        | 4   | 24.4<br>(80) | 45.7<br>(150) | 61.0<br>(200) | 76.2<br>(250) | 121.9<br>(400) | 121.9<br>(400) | 243.8<br>(800)               | 274.3<br>(900)  | 274.3<br>(900)  |                | 1321-3R130-C  | 50            | 375               |       |      |      |      |     |  |
|       |        |     | 24.4<br>(80) | 45.7<br>(150) | 61.0<br>(200) | 76.2<br>(250) | 106.7<br>(350) | 106.7<br>(350) | 182.9<br>(600)               | 213.4<br>(700)  | 213.4<br>(700)  |                |               | 50            | 750               |       |      |      |      |     |  |
|       | 90     | 2   | 24.4<br>(80) | 45.7<br>(150) | 61.0<br>(200) | 76.2<br>(250) | 121.9<br>(400) | 121.9<br>(400) | 243.8<br>(800)               | 274.3<br>(900)  | 274.3<br>(900)  | 1321-3R160-C   | 50            | 375           |                   |       |      |      |      |     |  |
|       |        |     | 24.4<br>(80) | 45.7<br>(150) | 61.0<br>(200) | 76.2<br>(250) | 106.7<br>(350) | 106.7<br>(350) | 182.9<br>(600)               | 213.4<br>(700)  | 213.4<br>(700)  |                | 50            | 750           |                   |       |      |      |      |     |  |
|       |        | 4   | 24.4<br>(80) | 45.7<br>(150) | 61.0<br>(200) | 76.2<br>(250) | 106.7<br>(350) | 106.7<br>(350) | 182.9<br>(600)               | 213.4<br>(700)  | 213.4<br>(700)  |                | 1321-3R200-C  | 50            | 375               |       |      |      |      |     |  |
|       |        |     | 24.4<br>(80) | 45.7<br>(150) | 61.0<br>(200) | 76.2<br>(250) | 106.7<br>(350) | 106.7<br>(350) | 182.9<br>(600)               | 213.4<br>(700)  | 213.4<br>(700)  |                |               | 50            | 750               |       |      |      |      |     |  |
|       | 7      | 160 | 2            | 24.4<br>(80)  | 45.7<br>(150) | 61.0<br>(200) | 91.4<br>(300)  | 121.9<br>(400) | 121.9<br>(400)               | 182.9<br>(600)  | 243.8<br>(800)  | 243.8<br>(800) | 1321-3R200-C  | 50            | 375               |       |      |      |      |     |  |
|       |        |     |              | 24.4<br>(80)  | 45.7<br>(150) | 61.0<br>(200) | 91.4<br>(300)  | 106.7<br>(350) | 106.7<br>(350)               | 152.4<br>(500)  | 182.9<br>(600)  | 182.9<br>(600) |               | 50            | 750               |       |      |      |      |     |  |
|       |        |     | 4            | 24.4<br>(80)  | 45.7<br>(150) | 61.0<br>(200) | 91.4<br>(300)  | 121.9<br>(400) | 121.9<br>(400)               | 182.9<br>(600)  | 243.8<br>(800)  | 243.8<br>(800) |               | 1321-3RB250-C | 50                | 480   |      |      |      |     |  |
|       |        |     |              | 24.4<br>(80)  | 45.7<br>(150) | 61.0<br>(200) | 91.4<br>(300)  | 106.7<br>(350) | 106.7<br>(350)               | 152.4<br>(500)  | 182.9<br>(600)  | 182.9<br>(600) |               |               | 50                | 960   |      |      |      |     |  |
| 200   |        | 2   | 24.4<br>(80) | 45.7<br>(150) | 61.0<br>(200) | 91.4<br>(300) | 121.9<br>(400) | 121.9<br>(400) | 182.9<br>(600)               | 243.8<br>(800)  | 243.8<br>(800)  | 1321-3RB320-C  | 50            | 480           |                   |       |      |      |      |     |  |
|       |        |     | 24.4<br>(80) | 45.7<br>(150) | 61.0<br>(200) | 91.4<br>(300) | 106.7<br>(350) | 106.7<br>(350) | 152.4<br>(500)               | 182.9<br>(600)  | 182.9<br>(600)  |                | 50            | 960           |                   |       |      |      |      |     |  |
|       |        | 4   | 24.4<br>(80) | 45.7<br>(150) | 61.0<br>(200) | 91.4<br>(300) | 121.9<br>(400) | 121.9<br>(400) | 182.9<br>(600)               | 243.8<br>(800)  | 243.8<br>(800)  |                | 1321-3RB320-C | 50            | 480               |       |      |      |      |     |  |
|       |        |     | 24.4<br>(80) | 45.7<br>(150) | 61.0<br>(200) | 91.4<br>(300) | 106.7<br>(350) | 106.7<br>(350) | 152.4<br>(500)               | 182.9<br>(600)  | 182.9<br>(600)  |                |               | 50            | 960               |       |      |      |      |     |  |

### PowerFlex 755 Floor Mount Drives

This section lists motor cable length restrictions, reactors, and available options for PowerFlex 755 floor mount drives.

**Table 54 - PowerFlex 755 Floor Mount Drives, 400V Shielded/Unshielded Cable – Meters (Feet)**

| Drive             | Rating           |      | No Solution |             |             |             |              | Reactor Only |             |             |              |              | Reactor and Damping Resistor |              |              |              |              | Reactor          | Resistor         |                     | Available Options   |      |      |      |     |  |
|-------------------|------------------|------|-------------|-------------|-------------|-------------|--------------|--------------|-------------|-------------|--------------|--------------|------------------------------|--------------|--------------|--------------|--------------|------------------|------------------|---------------------|---------------------|------|------|------|-----|--|
|                   | Frame            | kW   | kHz         | 1000V       | 1200V       | 1350V       | 1488V        | 1600V        | 1000V       | 1200V       | 1350V        | 1488V        | 1600V                        | 1000V        | 1200V        | 1350V        | 1488V        | 1600V            | Cat. No.         | Ohms                | Watts               | TFAT | TFBZ | RWR2 | RWC |  |
| 8                 | 250              | 2    | 24.4 (80)   | 121.9 (400) | 152.4 (500) | 213.4 (700) | 304.8 (1000) | 45.7 (150)   | 121.9 (400) | 152.4 (500) | 304.8 (1000) | 365.8 (1200) | 228.6 (750)                  | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-3R500-B     | 20               | 495 <sup>(2)</sup>  |                     | •    |      |      |     |  |
|                   |                  | 4    | 24.4 (80)   | 91.4 (300)  | 114.3 (375) | 152.4 (500) | 182.9 (600)  | 36.6 (120)   | 91.4 (300)  | 114.3 (375) | 167.6 (550)  | 213.4 (700)  | 91.4 (300)                   | 182.9 (600)  | 182.9 (600)  | 304.8 (1000) | 365.8 (1200) |                  | 20               | 990 <sup>(2)</sup>  |                     | •    |      |      |     |  |
|                   | 315              | 2    | 24.4 (80)   | 121.9 (400) | 152.4 (500) | 213.4 (700) | 259.1 (850)  | 45.7 (150)   | 121.9 (400) | 152.4 (500) | 304.8 (1000) | 365.8 (1200) | 228.6 (750)                  | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-3R600-B     | 20               | 495 <sup>(2)</sup>  |                     | •    |      |      |     |  |
|                   |                  | 4    | 24.4 (80)   | 91.4 (300)  | 114.3 (375) | 152.4 (500) | 182.9 (600)  | 36.6 (120)   | 91.4 (300)  | 114.3 (375) | 167.6 (550)  | 213.4 (700)  | 91.4 (300)                   | 182.9 (600)  | 182.9 (600)  | 304.8 (1000) | 365.8 (1200) |                  | 20               | 990 <sup>(2)</sup>  |                     | •    |      |      |     |  |
|                   | 355              | 2    | 24.4 (80)   | 121.9 (400) | 137.2 (450) | 213.4 (700) | 259.1 (850)  | 45.7 (150)   | 121.9 (400) | 137.2 (450) | 304.8 (1000) | 365.8 (1200) | 228.6 (750)                  | 304.8 (1000) | 304.8 (1000) | 365.8 (1200) | 365.8 (1200) | 1321-3R750-B     | 20               | 495 <sup>(2)</sup>  |                     | •    |      |      |     |  |
|                   |                  | 4    | 24.4 (80)   | 91.4 (300)  | 114.3 (375) | 152.4 (500) | 182.9 (600)  | 36.6 (120)   | 91.4 (300)  | 114.3 (375) | 167.6 (550)  | 213.4 (700)  | 91.4 (300)                   | 182.9 (600)  | 182.9 (600)  | 304.8 (1000) | 365.8 (1200) |                  | 20               | 990 <sup>(2)</sup>  |                     | •    |      |      |     |  |
|                   | 400              | 2    | 24.4 (80)   | 91.4 (300)  | 121.9 (400) | 152.4 (500) | 213.4 (700)  | 36.6 (120)   | 91.4 (300)  | 121.9 (400) | 304.8 (1000) | 365.8 (1200) | 198.1 (650)                  | 274.3 (900)  | 274.3 (900)  | 304.8 (1000) | 365.8 (1200) | 1321-3R850-B     | 20               | 735 <sup>(3)</sup>  |                     | •    |      |      |     |  |
|                   |                  | 4    | 24.4 (80)   | 91.4 (300)  | 114.3 (375) | 137.2 (450) | 167.6 (550)  | 36.6 (120)   | 91.4 (300)  | 114.3 (375) | 152.4 (500)  | 182.9 (600)  | 76.2 (250)                   | 137.2 (450)  | 137.2 (450)  | 274.3 (900)  | 365.8 (1200) |                  | 20               | 1470 <sup>(3)</sup> |                     | •    |      |      |     |  |
|                   | 9 <sup>(1)</sup> | 500  | 2           | 24.4 (80)   | 76.2 (250)  | 121.9 (400) | 152.4 (500)  | 213.4 (700)  | 61.0 (200)  | 152.4 (500) | 152.4 (500)  | 304.8 (1000) | 365.8 (1200)                 | 213.4 (700)  | 304.8 (1000) | 304.8 (1000) | 365.8 (1200) | 365.8 (1200)     | 2 x 1321-3R500-B | 40                  | 375 <sup>(3)</sup>  |      | •    |      |     |  |
|                   |                  |      | 4           | 24.4 (80)   | 61.0 (200)  | 91.4 (300)  | 106.7 (350)  | 137.2 (450)  | 36.6 (120)  | 91.4 (300)  | 91.4 (300)   | 182.9 (600)  | 274.3 (900)                  | 91.4 (300)   | 182.9 (600)  | 182.9 (600)  | 365.8 (1200) | 365.8 (1200)     |                  | 40                  | 750 <sup>(3)</sup>  |      |      |      |     |  |
|                   |                  | 560  | 2           | 24.4 (80)   | 61.0 (200)  | 121.9 (400) | 152.4 (500)  | 182.9 (600)  | 61.0 (200)  | 152.4 (500) | 152.4 (500)  | 304.8 (1000) | 365.8 (1200)                 | 182.9 (600)  | 274.3 (900)  | 274.3 (900)  | 365.8 (1200) | 365.8 (1200)     | 2 x 1321-3R600-B | 20                  | 525 <sup>(4)</sup>  |      | •    |      |     |  |
|                   |                  |      | 4           | 24.4 (80)   | 61.0 (200)  | 91.4 (300)  | 106.7 (350)  | 137.2 (450)  | 36.6 (120)  | 91.4 (300)  | 91.4 (300)   | 182.9 (600)  | 274.3 (900)                  | 91.4 (300)   | 182.9 (600)  | 182.9 (600)  | 365.8 (1200) | 365.8 (1200)     |                  | 20                  | 1050 <sup>(4)</sup> |      |      |      |     |  |
| 630               |                  | 2    | 24.4 (80)   | 61.0 (200)  | 121.9 (400) | 152.4 (500) | 182.9 (600)  | 61.0 (200)   | 152.4 (500) | 152.4 (500) | 304.8 (1000) | 365.8 (1200) | 182.9 (600)                  | 274.3 (900)  | 274.3 (900)  | 365.8 (1200) | 365.8 (1200) | 2 x 1321-3R600-B | 20               | 525 <sup>(4)</sup>  |                     | •    |      |      |     |  |
|                   |                  | 4    | 24.4 (80)   | 61.0 (200)  | 91.4 (300)  | 106.7 (350) | 137.2 (450)  | 36.6 (120)   | 91.4 (300)  | 91.4 (300)  | 182.9 (600)  | 274.3 (900)  | 91.4 (300)                   | 182.9 (600)  | 182.9 (600)  | 365.8 (1200) | 365.8 (1200) |                  | 20               | 1050 <sup>(4)</sup> |                     |      |      |      |     |  |
| 710               |                  | 2    | 24.4 (80)   | 61.0 (200)  | 121.9 (400) | 152.4 (500) | 182.9 (600)  | 61.0 (200)   | 152.4 (500) | 152.4 (500) | 304.8 (1000) | 365.8 (1200) | 182.9 (600)                  | 274.3 (900)  | 274.3 (900)  | 365.8 (1200) | 365.8 (1200) | 2 x 1321-3R600-B | 20               | 525 <sup>(4)</sup>  |                     | •    |      |      |     |  |
|                   |                  | 4    | 24.4 (80)   | 61.0 (200)  | 91.4 (300)  | 106.7 (350) | 137.2 (450)  | 36.6 (120)   | 91.4 (300)  | 91.4 (300)  | 182.9 (600)  | 274.3 (900)  | 91.4 (300)                   | 182.9 (600)  | 182.9 (600)  | 365.8 (1200) | 365.8 (1200) |                  | 20               | 1050 <sup>(4)</sup> |                     |      |      |      |     |  |
| 800               |                  | 2    | 24.4 (80)   | 61.0 (200)  | 121.9 (400) | 152.4 (500) | 182.9 (600)  | 61.0 (200)   | 152.4 (500) | 152.4 (500) | 304.8 (1000) | 365.8 (1200) | 182.9 (600)                  | 274.3 (900)  | 274.3 (900)  | 365.8 (1200) | 365.8 (1200) | 2 x 1321-3R750-B | 20               | 525 <sup>(4)</sup>  |                     | •    |      |      |     |  |
|                   |                  | 4    | 24.4 (80)   | 61.0 (200)  | 83.8 (275)  | 106.7 (350) | 137.2 (450)  | 36.6 (120)   | 91.4 (300)  | 91.4 (300)  | 182.9 (600)  | 274.3 (900)  | 91.4 (300)                   | 182.9 (600)  | 182.9 (600)  | 365.8 (1200) | 365.8 (1200) |                  | 20               | 1050 <sup>(4)</sup> |                     |      |      |      |     |  |
| 850               |                  | 2    | 24.4 (80)   | 61.0 (200)  | 121.9 (400) | 152.4 (500) | 182.9 (600)  | 61.0 (200)   | 152.4 (500) | 152.4 (500) | 304.8 (1000) | 365.8 (1200) | 182.9 (600)                  | 274.3 (900)  | 274.3 (900)  | 365.8 (1200) | 365.8 (1200) | 2 x 1321-3R750-B | 20               | 525 <sup>(4)</sup>  |                     | •    |      |      |     |  |
|                   |                  | 4    | 24.4 (80)   | 61.0 (200)  | 83.8 (275)  | 106.7 (350) | 137.2 (450)  | 36.6 (120)   | 91.4 (300)  | 91.4 (300)  | 182.9 (600)  | 274.3 (900)  | 91.4 (300)                   | 182.9 (600)  | 182.9 (600)  | 365.8 (1200) | 365.8 (1200) |                  | 20               | 1050 <sup>(4)</sup> |                     |      |      |      |     |  |
| 10 <sup>(1)</sup> |                  | 900  | 2           | 24.4 (80)   | 45.7 (150)  | 91.4 (300)  | 121.9 (400)  | 182.9 (600)  | 61.0 (200)  | 152.4 (500) | 152.4 (500)  | 304.8 (1000) | 365.8 (1200)                 | 182.9 (600)  | 274.3 (900)  | 274.3 (900)  | 365.8 (1200) | 365.8 (1200)     | 2 x 1321-3R850-B | 20                  | 600 <sup>(5)</sup>  |      | •    |      |     |  |
|                   |                  |      | 4           | 24.4 (80)   | 45.7 (150)  | 76.2 (250)  | 91.4 (300)   | 137.2 (450)  | 36.6 (120)  | 91.4 (300)  | 91.4 (300)   | 182.9 (600)  | 274.3 (900)                  | 91.4 (300)   | 182.9 (600)  | 182.9 (600)  | 365.8 (1200) | 365.8 (1200)     |                  | 20                  | 1200 <sup>(5)</sup> |      |      |      |     |  |
|                   |                  | 1250 | 2           | 24.4 (80)   | 45.7 (150)  | 76.2 (250)  | 106.7 (350)  | 152.4 (500)  | 61.0 (200)  | 121.9 (400) | 121.9 (400)  | 304.8 (1000) | 365.8 (1200)                 | 152.4 (500)  | 274.3 (900)  | 274.3 (900)  | 365.8 (1200) | 365.8 (1200)     | 3 x 1321-3R750-B | 30                  | 500 <sup>(6)</sup>  |      | •    |      |     |  |
|                   |                  |      | 4           | 24.4 (80)   | 45.7 (150)  | 61.0 (200)  | 76.2 (250)   | 121.9 (400)  | 36.6 (120)  | 91.4 (300)  | 91.4 (300)   | 152.4 (500)  | 213.4 (700)                  | 91.4 (300)   | 182.9 (600)  | 182.9 (600)  | 365.8 (1200) | 365.8 (1200)     |                  | 30                  | 1000 <sup>(6)</sup> |      |      |      |     |  |

- (1) Frame 9 and Frame 10 drives require two or three parallel reactors to match drive amp rating. The resistor ratings are per phase values for each reactor.
- (2) Resistor specification is based on two parallel cables per phase.
- (3) Resistor specification is based on three parallel cables per phase.
- (4) Resistor specification is based on four parallel cables per phase.
- (5) Resistor specification is based on five parallel cables per phase.
- (6) Resistor specification is based on six parallel cables per phase.

Table 55 - PowerFlex 755 Floor Mount Drives, 480V Shielded/Unshielded Cable – Meters (Feet)

| Drive            | Rating |    | No Solution  |               |               |                |                | Reactor Only |               |               |                |                | Reactor and Damping Resistor |                |                |                 |                 | Reactor           | Resistor |                     | Available Options |       |      |      |      |     |
|------------------|--------|----|--------------|---------------|---------------|----------------|----------------|--------------|---------------|---------------|----------------|----------------|------------------------------|----------------|----------------|-----------------|-----------------|-------------------|----------|---------------------|-------------------|-------|------|------|------|-----|
|                  | Frame  | Hp | kHz          | 1000V         | 1200V         | 1350           | 1488V          | 1600V        | 1000V         | 1200V         | 1350V          | 1488V          | 1600V                        | 1000V          | 1200V          | 1350            | 1488V           |                   | 1600V    | Cat. No.            | Ohms              | Watts | TFB1 | TFB2 | RWR2 | RWC |
| 8                | 350    | 2  | 12.2<br>(40) | 30.5<br>(100) | 76.2<br>(250) | 106.7<br>(350) | 152.4<br>(500) | 12.2<br>(40) | 45.7<br>(150) | 76.2<br>(250) | 137.2<br>(450) | 182.9<br>(600) | 61.0<br>(200)                | 213.4<br>(700) | 213.4<br>(700) | 304.8<br>(1000) | 365.8<br>(1200) | 1321-3R500-B      | 20       | 495 <sup>(2)</sup>  |                   |       | •    |      |      |     |
|                  |        | 4  | 7.6<br>(25)  | 24.4<br>(80)  | 61.0<br>(200) | 91.4<br>(300)  | 121.9<br>(400) | 12.2<br>(40) | 30.5<br>(100) | 61.0<br>(200) | 91.4<br>(300)  | 121.9<br>(400) | 45.7<br>(150)                | 137.2<br>(450) | 137.2<br>(450) | 243.8<br>(800)  | 304.8<br>(1000) |                   | 20       | 990 <sup>(2)</sup>  |                   |       | •    |      |      |     |
|                  | 400    | 2  | 12.2<br>(40) | 30.5<br>(100) | 76.2<br>(250) | 106.7<br>(350) | 152.4<br>(500) | 12.2<br>(40) | 45.7<br>(150) | 76.2<br>(250) | 137.2<br>(450) | 182.9<br>(600) | 61.0<br>(200)                | 213.4<br>(700) | 213.4<br>(700) | 304.8<br>(1000) | 365.8<br>(1200) | 1321-3R500-B      | 20       | 495 <sup>(2)</sup>  |                   |       | •    |      |      |     |
|                  |        | 4  | 7.6<br>(25)  | 24.4<br>(80)  | 61.0<br>(200) | 91.4<br>(300)  | 121.9<br>(400) | 12.2<br>(40) | 30.5<br>(100) | 61.0<br>(200) | 91.4<br>(300)  | 121.9<br>(400) | 45.7<br>(150)                | 137.2<br>(450) | 137.2<br>(450) | 243.8<br>(800)  | 304.8<br>(1000) |                   | 20       | 990 <sup>(2)</sup>  |                   |       | •    |      |      |     |
|                  | 450    | 2  | 12.2<br>(40) | 30.5<br>(100) | 76.2<br>(250) | 106.7<br>(350) | 152.4<br>(500) | 12.2<br>(40) | 45.7<br>(150) | 76.2<br>(250) | 137.2<br>(450) | 182.9<br>(600) | 61.0<br>(200)                | 213.4<br>(700) | 213.4<br>(700) | 304.8<br>(1000) | 365.8<br>(1200) | 1321-3R600-B      | 20       | 495 <sup>(2)</sup>  |                   |       | •    |      |      |     |
|                  |        | 4  | 7.6<br>(25)  | 24.4<br>(80)  | 61.0<br>(200) | 91.4<br>(300)  | 121.9<br>(400) | 12.2<br>(40) | 30.5<br>(100) | 61.0<br>(200) | 91.4<br>(300)  | 121.9<br>(400) | 45.7<br>(150)                | 137.2<br>(450) | 137.2<br>(450) | 243.8<br>(800)  | 304.8<br>(1000) |                   | 20       | 990 <sup>(2)</sup>  |                   |       | •    |      |      |     |
|                  | 500    | 2  | 12.2<br>(40) | 30.5<br>(100) | 76.2<br>(250) | 106.7<br>(350) | 152.4<br>(500) | 12.2<br>(40) | 45.7<br>(150) | 76.2<br>(250) | 121.9<br>(400) | 182.9<br>(600) | 61.0<br>(200)                | 213.4<br>(700) | 213.4<br>(700) | 304.8<br>(1000) | 365.8<br>(1200) | 1321-3R750-B      | 20       | 495 <sup>(2)</sup>  |                   |       | •    |      |      |     |
|                  |        | 4  | 7.6<br>(25)  | 24.4<br>(80)  | 61.0<br>(200) | 91.4<br>(300)  | 121.9<br>(400) | 12.2<br>(40) | 30.5<br>(100) | 61.0<br>(200) | 91.4<br>(300)  | 121.9<br>(400) | 45.7<br>(150)                | 137.2<br>(450) | 137.2<br>(450) | 243.8<br>(800)  | 304.8<br>(1000) |                   | 20       | 990 <sup>(2)</sup>  |                   |       | •    |      |      |     |
|                  | 600    | 2  | 12.2<br>(40) | 30.5<br>(100) | 53.3<br>(175) | 76.2<br>(250)  | 106.7<br>(350) | 12.2<br>(40) | 45.7<br>(150) | 53.3<br>(175) | 91.4<br>(300)  | 121.9<br>(400) | 61.0<br>(200)                | 213.4<br>(700) | 213.4<br>(700) | 304.8<br>(1000) | 365.8<br>(1200) | 1321-3R750-B      | 20       | 735 <sup>(3)</sup>  |                   |       | •    |      |      |     |
|                  |        | 4  | 7.6<br>(25)  | 24.4<br>(80)  | 38.1<br>(125) | 61.0<br>(200)  | 91.4<br>(300)  | 12.2<br>(40) | 30.5<br>(100) | 38.1<br>(125) | 76.2<br>(250)  | 106.7<br>(350) | 45.7<br>(150)                | 137.2<br>(450) | 137.2<br>(450) | 243.8<br>(800)  | 304.8<br>(1000) |                   | 20       | 1470 <sup>(3)</sup> |                   |       | •    |      |      |     |
|                  | 650    | 2  | 12.2<br>(40) | 30.5<br>(100) | 53.3<br>(175) | 76.2<br>(250)  | 106.7<br>(350) | 12.2<br>(40) | 45.7<br>(150) | 53.3<br>(175) | 91.4<br>(300)  | 121.9<br>(400) | 61.0<br>(200)                | 213.4<br>(700) | 213.4<br>(700) | 304.8<br>(1000) | 365.8<br>(1200) | 1321-3R850-B      | 20       | 735 <sup>(3)</sup>  |                   |       | •    |      |      |     |
|                  |        | 4  | 7.6<br>(25)  | 24.4<br>(80)  | 38.1<br>(125) | 61.0<br>(200)  | 91.4<br>(300)  | 12.2<br>(40) | 30.5<br>(100) | 38.1<br>(125) | 76.2<br>(250)  | 106.7<br>(350) | 45.7<br>(150)                | 137.2<br>(450) | 137.2<br>(450) | 243.8<br>(800)  | 304.8<br>(1000) |                   | 20       | 1470 <sup>(3)</sup> |                   |       | •    |      |      |     |
| 9 <sup>(1)</sup> | 700    | 2  | 12.2<br>(40) | 30.5<br>(100) | 53.3<br>(175) | 76.2<br>(250)  | 106.7<br>(350) | 12.2<br>(40) | 45.7<br>(150) | 53.3<br>(175) | 91.4<br>(300)  | 121.9<br>(400) | 61.0<br>(200)                | 213.4<br>(700) | 213.4<br>(700) | 304.8<br>(1000) | 365.8<br>(1200) | 2 x 1321-3RB500-B | 40       | 375 <sup>(3)</sup>  |                   |       | •    |      |      |     |
|                  |        | 4  | 7.6<br>(25)  | 24.4<br>(80)  | 38.1<br>(125) | 61.0<br>(200)  | 91.4<br>(300)  | 12.2<br>(40) | 30.5<br>(100) | 38.1<br>(125) | 76.2<br>(250)  | 106.7<br>(350) | 45.7<br>(150)                | 137.2<br>(450) | 137.2<br>(450) | 243.8<br>(800)  | 304.8<br>(1000) |                   | 40       | 750 <sup>(3)</sup>  |                   |       |      |      |      |     |
|                  | 800    | 2  | 12.2<br>(40) | 30.5<br>(100) | 53.3<br>(175) | 76.2<br>(250)  | 106.7<br>(350) | 12.2<br>(40) | 45.7<br>(150) | 53.3<br>(175) | 91.4<br>(300)  | 121.9<br>(400) | 61.0<br>(200)                | 182.9<br>(600) | 182.9<br>(600) | 304.8<br>(1000) | 365.8<br>(1200) | 2 x 1321-3R600-B  | 40       | 375 <sup>(4)</sup>  |                   |       | •    |      |      |     |
|                  |        | 4  | 7.6<br>(25)  | 24.4<br>(80)  | 38.1<br>(125) | 61.0<br>(200)  | 91.4<br>(300)  | 12.2<br>(40) | 30.5<br>(100) | 38.1<br>(125) | 76.2<br>(250)  | 106.7<br>(350) | 45.7<br>(150)                | 121.9<br>(400) | 121.9<br>(400) | 243.8<br>(800)  | 304.8<br>(1000) |                   | 40       | 750 <sup>(4)</sup>  |                   |       |      |      |      |     |
|                  | 900    | 2  | 12.2<br>(40) | 30.5<br>(100) | 53.3<br>(175) | 76.2<br>(250)  | 106.7<br>(350) | 12.2<br>(40) | 45.7<br>(150) | 53.3<br>(175) | 91.4<br>(300)  | 121.9<br>(400) | 61.0<br>(200)                | 182.9<br>(600) | 182.9<br>(600) | 304.8<br>(1000) | 365.8<br>(1200) | 2 x 1321-3R600-B  | 20       | 525 <sup>(4)</sup>  |                   |       |      |      |      |     |
|                  |        | 4  | 7.6<br>(25)  | 24.4<br>(80)  | 38.1<br>(125) | 61.0<br>(200)  | 91.4<br>(300)  | 12.2<br>(40) | 30.5<br>(100) | 38.1<br>(125) | 76.2<br>(250)  | 106.7<br>(350) | 45.7<br>(150)                | 121.9<br>(400) | 121.9<br>(400) | 243.8<br>(800)  | 304.8<br>(1000) |                   | 20       | 1050 <sup>(4)</sup> |                   |       |      |      |      |     |
|                  | 1000   | 2  | 12.2<br>(40) | 30.5<br>(100) | 53.3<br>(175) | 76.2<br>(250)  | 106.7<br>(350) | 12.2<br>(40) | 45.7<br>(150) | 53.3<br>(175) | 91.4<br>(300)  | 121.9<br>(400) | 61.0<br>(200)                | 182.9<br>(600) | 182.9<br>(600) | 304.8<br>(1000) | 365.8<br>(1200) | 2 x 1321-3R750-B  | 20       | 525 <sup>(4)</sup>  |                   |       |      |      |      |     |
|                  |        | 4  | 7.6<br>(25)  | 24.4<br>(80)  | 38.1<br>(125) | 61.0<br>(200)  | 91.4<br>(300)  | 12.2<br>(40) | 30.5<br>(100) | 38.1<br>(125) | 76.2<br>(250)  | 106.7<br>(350) | 45.7<br>(150)                | 121.9<br>(400) | 121.9<br>(400) | 243.8<br>(800)  | 304.8<br>(1000) |                   | 20       | 1050 <sup>(4)</sup> |                   |       |      |      |      |     |
|                  | 1100   | 2  | 12.2<br>(40) | 30.5<br>(100) | 53.3<br>(175) | 76.2<br>(250)  | 106.7<br>(350) | 12.2<br>(40) | 45.7<br>(150) | 53.3<br>(175) | 91.4<br>(300)  | 121.9<br>(400) | 61.0<br>(200)                | 182.9<br>(600) | 182.9<br>(600) | 304.8<br>(1000) | 365.8<br>(1200) | 2 x 1321-3R750-B  | 20       | 525 <sup>(4)</sup>  |                   |       |      |      |      |     |
|                  |        | 4  | 7.6<br>(25)  | 24.4<br>(80)  | 38.1<br>(125) | 61.0<br>(200)  | 91.4<br>(300)  | 12.2<br>(40) | 30.5<br>(100) | 38.1<br>(125) | 76.2<br>(250)  | 106.7<br>(350) | 45.7<br>(150)                | 121.9<br>(400) | 121.9<br>(400) | 243.8<br>(800)  | 304.8<br>(1000) |                   | 20       | 1050 <sup>(4)</sup> |                   |       |      |      |      |     |
|                  | 1250   | 2  | 12.2<br>(40) | 30.5<br>(100) | 53.3<br>(175) | 76.2<br>(250)  | 106.7<br>(350) | 12.2<br>(40) | 45.7<br>(150) | 53.3<br>(175) | 91.4<br>(300)  | 121.9<br>(400) | 61.0<br>(200)                | 182.9<br>(600) | 182.9<br>(600) | 304.8<br>(1000) | 365.8<br>(1200) | 2 x 1321-3R850-B  | 20       | 600 <sup>(5)</sup>  |                   |       |      |      |      |     |
|                  |        | 4  | 7.6<br>(25)  | 24.4<br>(80)  | 38.1<br>(125) | 61.0<br>(200)  | 91.4<br>(300)  | 12.2<br>(40) | 30.5<br>(100) | 38.1<br>(125) | 76.2<br>(250)  | 106.7<br>(350) | 45.7<br>(150)                | 121.9<br>(400) | 121.9<br>(400) | 243.8<br>(800)  | 304.8<br>(1000) |                   | 20       | 1200 <sup>(5)</sup> |                   |       |      |      |      |     |

**Table 55 - PowerFlex 755 Floor Mount Drives, 480V Shielded/Unshielded Cable – Meters (Feet) (continued)**

| Drive             | Rating |    | No Solution  |               |               |               |                | Reactor Only |               |               |               |                | Reactor and Damping Resistor |                |                |                 |                 | Reactor                 | Resistor                |                     | Available Options  |       |      |      |      |
|-------------------|--------|----|--------------|---------------|---------------|---------------|----------------|--------------|---------------|---------------|---------------|----------------|------------------------------|----------------|----------------|-----------------|-----------------|-------------------------|-------------------------|---------------------|--------------------|-------|------|------|------|
|                   | Frame  | Hp | kHz          | 1000V         | 1200V         | 1350          | 1488V          | 1600V        | 1000V         | 1200V         | 1350V         | 1488V          | 1600V                        | 1000V          | 1200V          | 1350            | 1488V           |                         | 1600V                   | Cat. No.            | Ohms               | Watts | TFA1 | TFB2 | RWR2 |
| 10 <sup>(1)</sup> | 1350   | 2  | 12.2<br>(40) | 30.5<br>(100) | 53.3<br>(175) | 76.2<br>(250) | 106.7<br>(350) | 12.2<br>(40) | 45.7<br>(150) | 53.3<br>(175) | 91.4<br>(300) | 121.9<br>(400) | 61.0<br>(200)                | 152.4<br>(500) | 152.4<br>(500) | 304.8<br>(1000) | 365.8<br>(1200) | 2 x<br>1321-<br>3R850-B | 20                      | 600 <sup>(5)</sup>  |                    |       |      |      |      |
|                   |        | 4  | 7.6<br>(25)  | 24.4<br>(80)  | 38.1<br>(125) | 45.7<br>(150) | 76.2<br>(250)  | 12.2<br>(40) | 30.5<br>(100) | 38.1<br>(125) | 76.2<br>(250) | 106.7<br>(350) | 45.7<br>(150)                | 121.9<br>(400) | 121.9<br>(400) | 243.8<br>(800)  | 304.8<br>(1000) |                         | 20                      | 1200 <sup>(5)</sup> |                    |       |      |      |      |
|                   | 1750   | 2  | 12.2<br>(40) | 30.5<br>(100) | 53.3<br>(175) | 76.2<br>(250) | 91.4<br>(300)  | 12.2<br>(40) | 45.7<br>(150) | 53.3<br>(175) | 91.4<br>(300) | 121.9<br>(400) | 61.0<br>(200)                | 152.4<br>(500) | 137.2<br>(450) | 137.2<br>(450)  | 304.8<br>(1000) | 365.8<br>(1200)         | 3 x<br>1321-<br>3R850-B | 30                  | 500 <sup>(6)</sup> |       |      |      |      |
|                   |        | 4  | 7.6<br>(25)  | 24.4<br>(80)  | 38.1<br>(125) | 45.7<br>(150) | 76.2<br>(250)  | 12.2<br>(40) | 30.5<br>(100) | 38.1<br>(125) | 76.2<br>(250) | 106.7<br>(350) | 30.5<br>(100)                | 106.7<br>(350) | 106.7<br>(350) | 213.4<br>(700)  | 304.8<br>(1000) | 30                      |                         | 1000 <sup>(6)</sup> |                    |       |      |      |      |

- (1) Frame 9 and Frame 10 drives require two or three parallel reactors to match drive amp rating. The resistor ratings are per phase values for each reactor.
- (2) Resistor specification is based on two parallel cables per phase.
- (3) Resistor specification is based on three parallel cables per phase.
- (4) Resistor specification is based on four parallel cables per phase.
- (5) Resistor specification is based on five parallel cables per phase.
- (6) Resistor specification is based on six parallel cables per phase.

**Table 56 - PowerFlex 755 Floor Mount Drives, 600V Shielded/Unshielded Cable – Meters (Feet)**

| Drive | Rating |    | No Solution  |                |                | Reactor Only  |                |                | Reactor and Damping Resistor |                 |                 | Reactor       | Resistor |                     | Available Options |       |      |      |      |
|-------|--------|----|--------------|----------------|----------------|---------------|----------------|----------------|------------------------------|-----------------|-----------------|---------------|----------|---------------------|-------------------|-------|------|------|------|
|       | Frame  | Hp | kHz          | 1488V          | 1850V          | 2150V         | 1488V          | 1850V          | 2150V                        | 1488V           | 1850V           |               | 2150V    | Cat. No.            | Ohms              | Watts | TFA1 | TFB2 | RWR2 |
| 8     | 300    | 2  | 24.4<br>(80) | 137.2<br>(450) | 182.9<br>(600) | 61.0<br>(200) | 152.4<br>(500) | 182.9<br>(600) | 167.6<br>(550)               | 365.8<br>(1200) | 365.8<br>(1200) | 1321-3RB400-B | 50       | 315                 |                   | •     |      |      |      |
|       |        | 4  | 24.4<br>(80) | 106.7<br>(350) | 182.9<br>(600) | 61.0<br>(200) | 121.9<br>(400) | 182.9<br>(600) | 121.9<br>(400)               | 198.1<br>(650)  | 198.1<br>(650)  |               | 50       | 630                 |                   |       |      |      |      |
|       | 350    | 2  | 24.4<br>(80) | 91.4<br>(300)  | 152.4<br>(500) | 61.0<br>(200) | 152.4<br>(500) | 152.4<br>(500) | 167.6<br>(550)               | 365.8<br>(1200) | 365.8<br>(1200) | 1321-3RB400-B | 20       | 585 <sup>(2)</sup>  |                   | •     |      |      |      |
|       |        | 4  | 24.4<br>(80) | 91.4<br>(300)  | 152.4<br>(500) | 61.0<br>(200) | 121.9<br>(400) | 152.4<br>(500) | 121.9<br>(400)               | 213.4<br>(700)  | 213.4<br>(700)  |               | 20       | 1170 <sup>(2)</sup> |                   |       |      |      |      |
|       | 400    | 2  | 24.4<br>(80) | 91.4<br>(300)  | 152.4<br>(500) | 61.0<br>(200) | 152.4<br>(500) | 152.4<br>(500) | 167.6<br>(550)               | 365.8<br>(1200) | 365.8<br>(1200) | 1321-3R500-B  | 20       | 585 <sup>(2)</sup>  |                   | •     |      |      |      |
|       |        | 4  | 24.4<br>(80) | 91.4<br>(300)  | 152.4<br>(500) | 61.0<br>(200) | 121.9<br>(400) | 152.4<br>(500) | 121.9<br>(400)               | 213.4<br>(700)  | 213.4<br>(700)  |               | 20       | 1170 <sup>(2)</sup> |                   |       |      |      |      |
|       | 450    | 2  | 24.4<br>(80) | 91.4<br>(300)  | 152.4<br>(500) | 61.0<br>(200) | 152.4<br>(500) | 152.4<br>(500) | 167.6<br>(550)               | 365.8<br>(1200) | 365.8<br>(1200) | 1321-3R500-B  | 20       | 585 <sup>(2)</sup>  |                   | •     |      |      |      |
|       |        | 4  | 24.4<br>(80) | 91.4<br>(300)  | 152.4<br>(500) | 61.0<br>(200) | 121.9<br>(400) | 152.4<br>(500) | 121.9<br>(400)               | 213.4<br>(700)  | 213.4<br>(700)  |               | 20       | 1170 <sup>(2)</sup> |                   |       |      |      |      |
|       | 500    | 2  | 24.4<br>(80) | 91.4<br>(300)  | 137.2<br>(450) | 61.0<br>(200) | 152.4<br>(500) | 152.4<br>(500) | 167.6<br>(550)               | 365.8<br>(1200) | 365.8<br>(1200) | 1321-3R600-B  | 20       | 585 <sup>(2)</sup>  |                   | •     |      |      |      |
|       |        | 4  | 24.4<br>(80) | 91.4<br>(300)  | 137.2<br>(450) | 61.0<br>(200) | 121.9<br>(400) | 137.2<br>(450) | 121.9<br>(400)               | 213.4<br>(700)  | 213.4<br>(700)  |               | 20       | 1170 <sup>(2)</sup> |                   |       |      |      |      |

**Table 56 - PowerFlex 755 Floor Mount Drives, 600V Shielded/Unshielded Cable – Meters (Feet) (continued)**

| Drive | Rating              |    | No Solution  |               |                | Reactor Only  |                |                | Reactor and Damping Resistor |                 |                 | Reactor             | Resistor |                     | Available Options |       |      |      |      |
|-------|---------------------|----|--------------|---------------|----------------|---------------|----------------|----------------|------------------------------|-----------------|-----------------|---------------------|----------|---------------------|-------------------|-------|------|------|------|
|       | Frame               | Hp | kHz          | 1488V         | 1850V          | 2150V         | 1488V          | 1850V          | 2150V                        | 1488V           | 1850V           |                     | 2150V    | Cat. No.            | Ohms              | Watts | TFA1 | TFB2 | RWR2 |
| 9     | 600                 | 2  | 24.4<br>(80) | 91.4<br>(300) | 137.2<br>(450) | 61.0<br>(200) | 152.4<br>(500) | 152.4<br>(500) | 152.4<br>(500)               | 365.8<br>(1200) | 365.8<br>(1200) | 1321-3R750-B        | 20       | 585 <sup>(2)</sup>  |                   |       | •    |      |      |
|       |                     | 4  | 24.4<br>(80) | 91.4<br>(300) | 137.2<br>(450) | 61.0<br>(200) | 121.9<br>(400) | 137.2<br>(450) | 121.9<br>(400)               | 213.4<br>(700)  | 213.4<br>(700)  |                     | 20       | 1170 <sup>(2)</sup> |                   |       |      |      |      |
|       | 700                 | 2  | 24.4<br>(80) | 91.4<br>(300) | 137.2<br>(450) | 61.0<br>(200) | 152.4<br>(500) | 152.4<br>(500) | 152.4<br>(500)               | 365.8<br>(1200) | 365.8<br>(1200) | 1321-3R850-B        | 20       | 960 <sup>(3)</sup>  |                   |       | •    |      |      |
|       |                     | 4  | 24.4<br>(80) | 91.4<br>(300) | 137.2<br>(450) | 61.0<br>(200) | 121.9<br>(400) | 137.2<br>(450) | 121.9<br>(400)               | 213.4<br>(700)  | 213.4<br>(700)  |                     | 20       | 1920 <sup>(3)</sup> |                   |       |      |      |      |
|       | 800                 | 2  | 24.4<br>(80) | 91.4<br>(300) | 137.2<br>(450) | 61.0<br>(200) | 152.4<br>(500) | 152.4<br>(500) | 152.4<br>(500)               | 365.8<br>(1200) | 365.8<br>(1200) | 1321-3R850-B        | 20       | 960 <sup>(3)</sup>  |                   |       | •    |      |      |
|       |                     | 4  | 24.4<br>(80) | 91.4<br>(300) | 137.2<br>(450) | 61.0<br>(200) | 121.9<br>(400) | 137.2<br>(450) | 121.9<br>(400)               | 213.4<br>(700)  | 213.4<br>(700)  |                     | 20       | 1920 <sup>(3)</sup> |                   |       |      |      |      |
|       | 900 <sup>(1)</sup>  | 2  | 24.4<br>(80) | 91.4<br>(300) | 137.2<br>(450) | 61.0<br>(200) | 152.4<br>(500) | 152.4<br>(500) | 152.4<br>(500)               | 365.8<br>(1200) | 365.8<br>(1200) | 2 X<br>1321-3R500-B | 40       | 480 <sup>(3)</sup>  |                   |       |      |      |      |
|       |                     | 4  | 24.4<br>(80) | 91.4<br>(300) | 137.2<br>(450) | 61.0<br>(200) | 121.9<br>(400) | 137.2<br>(450) | 121.9<br>(400)               | 213.4<br>(700)  | 213.4<br>(700)  |                     | 40       | 960 <sup>(3)</sup>  |                   |       |      |      |      |
|       | 950 <sup>(1)</sup>  | 2  | 24.4<br>(80) | 91.4<br>(300) | 137.2<br>(450) | 61.0<br>(200) | 152.4<br>(500) | 152.4<br>(500) | 152.4<br>(500)               | 365.8<br>(1200) | 365.8<br>(1200) | 2 X<br>1321-3R500-B | 40       | 480 <sup>(3)</sup>  |                   |       |      |      |      |
|       |                     | 4  | 24.4<br>(80) | 91.4<br>(300) | 137.2<br>(450) | 61.0<br>(200) | 121.9<br>(400) | 137.2<br>(450) | 121.9<br>(400)               | 213.4<br>(700)  | 213.4<br>(700)  |                     | 40       | 960 <sup>(3)</sup>  |                   |       |      |      |      |
|       | 1000 <sup>(1)</sup> | 2  | 24.4<br>(80) | 91.4<br>(300) | 137.2<br>(450) | 61.0<br>(200) | 152.4<br>(500) | 152.4<br>(500) | 152.4<br>(500)               | 365.8<br>(1200) | 365.8<br>(1200) | 2 X<br>1321-3R600-B | 40       | 480 <sup>(3)</sup>  |                   |       |      |      |      |
|       |                     | 4  | 24.4<br>(80) | 91.4<br>(300) | 137.2<br>(450) | 61.0<br>(200) | 121.9<br>(400) | 137.2<br>(450) | 121.9<br>(400)               | 213.4<br>(700)  | 213.4<br>(700)  |                     | 40       | 960 <sup>(3)</sup>  |                   |       |      |      |      |
| 10    | 1100 <sup>(1)</sup> | 2  | 24.4<br>(80) | 91.4<br>(300) | 137.2<br>(450) | 53.3<br>(175) | 137.2<br>(450) | 137.2<br>(450) | 137.2<br>(450)               | 365.8<br>(1200) | 365.8<br>(1200) | 2 x<br>1321-3R750-B | 20       | 720 <sup>(4)</sup>  |                   |       |      |      |      |
|       |                     | 4  | 24.4<br>(80) | 53.3<br>(175) | 91.4<br>(300)  | 53.3<br>(175) | 106.7<br>(350) | 106.7<br>(350) | 106.7<br>(350)               | 213.4<br>(700)  | 213.4<br>(700)  |                     | 20       | 1440 <sup>(4)</sup> |                   |       |      |      |      |
|       | 1400 <sup>(1)</sup> | 2  | 24.4<br>(80) | 91.4<br>(300) | 137.2<br>(450) | 53.3<br>(175) | 137.2<br>(450) | 137.2<br>(450) | 137.2<br>(450)               | 365.8<br>(1200) | 365.8<br>(1200) | 2 x<br>1321-3R850-B | 20       | 960 <sup>(5)</sup>  |                   |       |      |      |      |
|       |                     | 4  | 24.4<br>(80) | 53.3<br>(175) | 91.4<br>(300)  | 53.3<br>(175) | 106.7<br>(350) | 106.7<br>(350) | 106.7<br>(350)               | 213.4<br>(700)  | 213.4<br>(700)  |                     | 20       | 1920 <sup>(5)</sup> |                   |       |      |      |      |

- (1) Some Frame 9 and all Frame 10 drives require two reactors to match drive amp rating. The resistor ratings are per phase values for each reactor.
- (2) Resistor specification is based on two parallel cables per phase.
- (3) Resistor specification is based on three parallel cables per phase.
- (4) Resistor specification is based on four parallel cables per phase.
- (5) Resistor specification is based on five parallel cables per phase.

**Table 57 - PowerFlex 755 Floor Mount Drives, 690V Shielded/Unshielded Cable – Meters (Feet)**

| Drive | Rating             |    | No Solution  |               |               | Reactor Only  |                |                | Reactor and Damping Resistor |                |                | Reactor             | Resistor |                     | Available Options |       |      |      |      |
|-------|--------------------|----|--------------|---------------|---------------|---------------|----------------|----------------|------------------------------|----------------|----------------|---------------------|----------|---------------------|-------------------|-------|------|------|------|
|       | Frame              | kW | kHz          | 1488V         | 1850V         | 2150V         | 1488V          | 1850V          | 2150V                        | 1488V          | 1850V          |                     | 2150V    | Cat. No.            | Ohms              | Watts | TFA1 | TFB2 | RWR2 |
| 8     | 250                | 2  | 24.4<br>(80) | 45.7<br>(150) | 61.0<br>(200) | 91.4<br>(300) | 121.9<br>(400) | 121.9<br>(400) | 182.9<br>(600)               | 243.8<br>(800) | 243.8<br>(800) | 1321-3RB400-C       | 50       | 480                 |                   |       |      |      |      |
|       |                    | 4  | 24.4<br>(80) | 45.7<br>(150) | 61.0<br>(200) | 91.4<br>(300) | 106.7<br>(350) | 106.7<br>(350) | 152.4<br>(500)               | 182.9<br>(600) | 182.9<br>(600) |                     | 50       | 960                 |                   |       |      |      |      |
|       | 315                | 2  | 24.4<br>(80) | 45.7<br>(150) | 61.0<br>(200) | 91.4<br>(300) | 121.9<br>(400) | 121.9<br>(400) | 182.9<br>(600)               | 243.8<br>(800) | 243.8<br>(800) | 1321-3RB400-C       | 50       | 480                 |                   |       |      |      |      |
|       |                    | 4  | 24.4<br>(80) | 45.7<br>(150) | 61.0<br>(200) | 91.4<br>(300) | 106.7<br>(350) | 106.7<br>(350) | 152.4<br>(500)               | 182.9<br>(600) | 182.9<br>(600) |                     | 50       | 960                 |                   |       |      |      |      |
|       | 355                | 2  | 24.4<br>(80) | 45.7<br>(150) | 61.0<br>(200) | 91.4<br>(300) | 121.9<br>(400) | 121.9<br>(400) | 182.9<br>(600)               | 243.8<br>(800) | 243.8<br>(800) | 1321-3R500-C        | 20       | 960 <sup>(2)</sup>  |                   |       |      |      |      |
|       |                    | 4  | 24.4<br>(80) | 45.7<br>(150) | 61.0<br>(200) | 91.4<br>(300) | 106.7<br>(350) | 106.7<br>(350) | 152.4<br>(500)               | 182.9<br>(600) | 182.9<br>(600) |                     | 20       | 1920 <sup>(2)</sup> |                   |       |      |      |      |
|       | 400                | 2  | 24.4<br>(80) | 45.7<br>(150) | 61.0<br>(200) | 91.4<br>(300) | 121.9<br>(400) | 121.9<br>(400) | 182.9<br>(600)               | 243.8<br>(800) | 243.8<br>(800) | 1321-3R500-C        | 20       | 960 <sup>(2)</sup>  |                   |       |      |      |      |
|       |                    | 4  | 24.4<br>(80) | 45.7<br>(150) | 61.0<br>(200) | 91.4<br>(300) | 106.7<br>(350) | 106.7<br>(350) | 152.4<br>(500)               | 182.9<br>(600) | 182.9<br>(600) |                     | 20       | 1920 <sup>(2)</sup> |                   |       |      |      |      |
|       | 450                | 2  | 24.4<br>(80) | 45.7<br>(150) | 61.0<br>(200) | 91.4<br>(300) | 121.9<br>(400) | 121.9<br>(400) | 182.9<br>(600)               | 243.8<br>(800) | 243.8<br>(800) | 1321-3R500-C        | 20       | 960 <sup>(2)</sup>  |                   |       |      |      |      |
|       |                    | 4  | 24.4<br>(80) | 45.7<br>(150) | 61.0<br>(200) | 91.4<br>(300) | 106.7<br>(350) | 106.7<br>(350) | 152.4<br>(500)               | 182.9<br>(600) | 182.9<br>(600) |                     | 20       | 1920 <sup>(2)</sup> |                   |       |      |      |      |
|       | 500                | 2  | 24.4<br>(80) | 45.7<br>(150) | 61.0<br>(200) | 91.4<br>(300) | 121.9<br>(400) | 121.9<br>(400) | 182.9<br>(600)               | 243.8<br>(800) | 243.8<br>(800) | 1321-3R600-C        | 20       | 960 <sup>(2)</sup>  |                   |       |      |      |      |
|       |                    | 4  | 24.4<br>(80) | 45.7<br>(150) | 61.0<br>(200) | 91.4<br>(300) | 106.7<br>(350) | 106.7<br>(350) | 152.4<br>(500)               | 182.9<br>(600) | 182.9<br>(600) |                     | 20       | 1920 <sup>(2)</sup> |                   |       |      |      |      |
| 9     | 560                | 2  | 24.4<br>(80) | 45.7<br>(150) | 61.0<br>(200) | 76.2<br>(250) | 121.9<br>(400) | 121.9<br>(400) | 182.9<br>(600)               | 243.8<br>(800) | 243.8<br>(800) | 1321-3R750-C        | 20       | 960 <sup>(2)</sup>  |                   |       |      |      |      |
|       |                    | 4  | 24.4<br>(80) | 45.7<br>(150) | 61.0<br>(200) | 76.2<br>(250) | 91.4<br>(300)  | 91.4<br>(300)  | 152.4<br>(500)               | 182.9<br>(600) | 182.9<br>(600) |                     | 20       | 1920 <sup>(2)</sup> |                   |       |      |      |      |
|       | 630                | 2  | 24.4<br>(80) | 45.7<br>(150) | 61.0<br>(200) | 76.2<br>(250) | 121.9<br>(400) | 121.9<br>(400) | 182.9<br>(600)               | 243.8<br>(800) | 243.8<br>(800) | 1321-3R750-C        | 20       | 960 <sup>(2)</sup>  |                   |       |      |      |      |
|       |                    | 4  | 24.4<br>(80) | 45.7<br>(150) | 61.0<br>(200) | 76.2<br>(250) | 91.4<br>(300)  | 91.4<br>(300)  | 152.4<br>(500)               | 182.9<br>(600) | 182.9<br>(600) |                     | 20       | 1920 <sup>(2)</sup> |                   |       |      |      |      |
|       | 710                | 2  | 24.4<br>(80) | 45.7<br>(150) | 61.0<br>(200) | 76.2<br>(250) | 121.9<br>(400) | 121.9<br>(400) | 182.9<br>(600)               | 243.8<br>(800) | 243.8<br>(800) | 1321-3R850-C        | 20       | 1290 <sup>(3)</sup> |                   |       |      |      |      |
|       |                    | 4  | 24.4<br>(80) | 45.7<br>(150) | 61.0<br>(200) | 76.2<br>(250) | 91.4<br>(300)  | 91.4<br>(300)  | 152.4<br>(500)               | 182.9<br>(600) | 182.9<br>(600) |                     | 20       | 2580 <sup>(3)</sup> |                   |       |      |      |      |
|       | 750 <sup>(1)</sup> | 2  | 24.4<br>(80) | 45.7<br>(150) | 61.0<br>(200) | 76.2<br>(250) | 121.9<br>(400) | 121.9<br>(400) | 182.9<br>(600)               | 243.8<br>(800) | 243.8<br>(800) | 2 x<br>1321-3R500-C | 40       | 645 <sup>(3)</sup>  |                   |       |      |      |      |
|       |                    | 4  | 24.4<br>(80) | 45.7<br>(150) | 61.0<br>(200) | 76.2<br>(250) | 91.4<br>(300)  | 91.4<br>(300)  | 152.4<br>(500)               | 182.9<br>(600) | 182.9<br>(600) |                     | 40       | 1290 <sup>(3)</sup> |                   |       |      |      |      |
|       | 800 <sup>(1)</sup> | 2  | 24.4<br>(80) | 45.7<br>(150) | 61.0<br>(200) | 76.2<br>(250) | 121.9<br>(400) | 121.9<br>(400) | 182.9<br>(600)               | 243.8<br>(800) | 243.8<br>(800) | 2 x<br>1321-3R500-C | 40       | 645 <sup>(3)</sup>  |                   |       |      |      |      |
|       |                    | 4  | 24.4<br>(80) | 45.7<br>(150) | 61.0<br>(200) | 76.2<br>(250) | 91.4<br>(300)  | 91.4<br>(300)  | 152.4<br>(500)               | 182.9<br>(600) | 182.9<br>(600) |                     | 40       | 1290 <sup>(3)</sup> |                   |       |      |      |      |
|       | 900 <sup>(1)</sup> | 2  | 24.4<br>(80) | 45.7<br>(150) | 61.0<br>(200) | 76.2<br>(250) | 121.9<br>(400) | 121.9<br>(400) | 182.9<br>(600)               | 243.8<br>(800) | 243.8<br>(800) | 2 x<br>1321-3R600-C | 40       | 645 <sup>(3)</sup>  |                   |       |      |      |      |
|       |                    | 4  | 24.4<br>(80) | 45.7<br>(150) | 61.0<br>(200) | 76.2<br>(250) | 91.4<br>(300)  | 91.4<br>(300)  | 152.4<br>(500)               | 182.9<br>(600) | 182.9<br>(600) |                     | 40       | 1290 <sup>(3)</sup> |                   |       |      |      |      |

**Table 57 - PowerFlex 755 Floor Mount Drives, 690V Shielded/Unshielded Cable – Meters (Feet) (continued)**

| Drive | Rating              |    | No Solution  |               |               | Reactor Only  |               |               | Reactor and Damping Resistor |                |                | Reactor             | Resistor |                     | Available Options |       |      |      |      |
|-------|---------------------|----|--------------|---------------|---------------|---------------|---------------|---------------|------------------------------|----------------|----------------|---------------------|----------|---------------------|-------------------|-------|------|------|------|
|       | Frame               | kW | kHz          | 1488V         | 1850V         | 2150V         | 1488V         | 1850V         | 2150V                        | 1488V          | 1850V          |                     | 2150V    | Cat. No.            | Ohms              | Watts | TFA1 | TFB2 | RWR2 |
| 10    | 1000 <sup>(1)</sup> | 2  | 24.4<br>(80) | 45.7<br>(150) | 61.0<br>(200) | 61.0<br>(200) | 91.4<br>(300) | 91.4<br>(300) | 182.9<br>(600)               | 243.8<br>(800) | 243.8<br>(800) | 2 x<br>1321-3R600-C | 20       | 840 <sup>(4)</sup>  |                   |       |      |      |      |
|       |                     | 4  | 24.4<br>(80) | 45.7<br>(150) | 61.0<br>(200) | 61.0<br>(200) | 76.2<br>(250) | 76.2<br>(250) | 152.4<br>(500)               | 182.9<br>(600) | 182.9<br>(600) |                     | 20       | 1680 <sup>(4)</sup> |                   |       |      |      |      |
|       | 1400 <sup>(1)</sup> | 2  | 24.4<br>(80) | 45.7<br>(150) | 61.0<br>(200) | 61.0<br>(200) | 91.4<br>(300) | 91.4<br>(300) | 182.9<br>(600)               | 243.8<br>(800) | 243.8<br>(800) | 2 x<br>1321-3R750-C | 20       | 840 <sup>(4)</sup>  |                   |       |      |      |      |
|       |                     | 4  | 24.4<br>(80) | 45.7<br>(150) | 61.0<br>(200) | 61.0<br>(200) | 76.2<br>(250) | 76.2<br>(250) | 152.4<br>(500)               | 182.9<br>(600) | 182.9<br>(600) |                     | 20       | 1680 <sup>(4)</sup> |                   |       |      |      |      |

- (1) Some Frame 9 and all Frame 10 drives require two reactors to match drive amp rating. The resistor ratings are per phase values for each reactor.
- (2) Resistor specification is based on two parallel cables per phase.
- (3) Resistor specification is based on three parallel cables per phase.
- (4) Resistor specification is based on four parallel cables per phase.

# PowerFlex 755T Drive Products

PowerFlex 755TL low harmonic drives PowerFlex 755TR regenerative drives, and PowerFlex 755TM drive systems (also referred to as 755T drive products).

This section lists motor cable length restrictions, reactors, and available options for PowerFlex 755T drive products.

**Table 58 - PowerFlex 755T Drive Products, Frames 5...7, 400V Shielded/Unshielded Cable – Meters (Feet)**

| Drive Frame | Rating |           | No Solution |             |              |              |              | Reactor Only |              |              |              |              | Reactor and Damping Resistor or 1321-RWR |              |              |              |              | Reactor/RWR (see page 163) | Resistor      |      | Available Options |      |      |      |     |  |  |  |
|-------------|--------|-----------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--|--------------|--------------|--------------|--------------|----------------------------|---------------|------|-------------------|------|------|------|-----|--|--|--|
|             | kW     | kHz       | 1000V       | 1200V       | 1350V        | 1488V        | 1600V        | 1000V        | 1200V        | 1350V        | 1488V        | 1600V        | 1000V                                    | 1200V        | 1350V        | 1488V        | 1600V        |                            | Cat. No.      | Ohms | Watts             | TFA1 | TFB2 | RWR2 | RWC |  |  |  |
| 5           | 7.5    | 2         | 7.6 (25)    | 91.4 (300)  | 182.9 (600)  | 274.3 (900)  | 365.8 (1200) | 91.4 (300)   | 274.3 (900)  | 274.3 (900)  | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR18-DP              |               |      |                   |      |      |      |     |  |  |  |
|             |        | 4         | 7.6 (25)    | 91.4 (300)  | 137.2 (450)  | 182.9 (600)  | 213.4 (700)  | 91.4 (300)   | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                |               |      |                   |      |      |      |     |  |  |  |
|             | 11     | 2         | 7.6 (25)    | 91.4 (300)  | 182.9 (600)  | 274.3 (900)  | 365.8 (1200) | 91.4 (300)   | 274.3 (900)  | 274.3 (900)  | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               | 1321-RWR25-DP |      |                   |      |      |      |     |  |  |  |
|             |        | 4         | 7.6 (25)    | 91.4 (300)  | 137.2 (450)  | 182.9 (600)  | 213.4 (700)  | 91.4 (300)   | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                |               |      |                   |      |      |      |     |  |  |  |
|             | 15     | 2         | 7.6 (25)    | 137.2 (450) | 198.1 (650)  | 365.8 (1200) | 365.8 (1200) | 91.4 (300)   | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               | 1321-RWR35-DP |      |                   |      |      |      |     |  |  |  |
|             |        | 4         | 7.6 (25)    | 91.4 (300)  | 121.92 (400) | 152.4 (500)  | 213.4 (700)  | 18.3 (60)    | 91.4 (300)   | 137.2 (450)  | 365.8 (1200) | 365.8 (1200) | 182.9 (600)                              | 304.8 (1000) | 304.8 (1000) | 365.8 (1200) | 365.8 (1200) |                            |               |      |                   |      |      |      |     |  |  |  |
|             | 18.5   | 2         | 7.6 (25)    | 137.2 (450) | 228.6 (750)  | 365.8 (1200) | 365.8 (1200) | 91.4 (300)   | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               | 1321-RWR35-DP |      |                   |      |      |      |     |  |  |  |
|             |        | 4         | 7.6 (25)    | 91.4 (300)  | 121.9 (400)  | 152.4 (500)  | 213.4 (700)  | 18.3 (60)    | 91.4 (300)   | 137.2 (450)  | 365.8 (1200) | 365.8 (1200) | 182.9 (600)                              | 304.8 (1000) | 304.8 (1000) | 365.8 (1200) | 365.8 (1200) |                            |               |      |                   |      |      |      |     |  |  |  |
|             | 22     | 2         | 7.6 (25)    | 137.2 (450) | 228.6 (750)  | 365.8 (1200) | 365.8 (1200) | 91.4 (300)   | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               | 1321-RWR45-DP |      |                   |      |      |      |     |  |  |  |
|             |        | 4         | 7.6 (25)    | 91.4 (300)  | 121.9 (400)  | 152.4 (500)  | 213.4 (700)  | 18.3 (60)    | 91.4 (300)   | 137.2 (450)  | 365.8 (1200) | 365.8 (1200) | 182.9 (600)                              | 304.8 (1000) | 304.8 (1000) | 365.8 (1200) | 365.8 (1200) |                            |               |      |                   |      |      |      |     |  |  |  |
|             | 30     | 2         | 7.6 (25)    | 137.2 (450) | 182.9 (600)  | 304.8 (1000) | 365.8 (1200) | 91.4 (300)   | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               | 1321-RWR55-DP |      |                   |      |      |      |     |  |  |  |
|             |        | 4         | 7.6 (25)    | 91.4 (300)  | 121.9 (400)  | 152.4 (500)  | 213.4 (700)  | 18.3 (60)    | 91.4 (300)   | 121.9 (400)  | 365.8 (1200) | 365.8 (1200) | 182.9 (600)                              | 304.8 (1000) | 304.8 (1000) | 365.8 (1200) | 365.8 (1200) |                            |               |      |                   |      |      |      |     |  |  |  |
|             | 37     | 2         | 12.2 (40)   | 137.2 (450) | 182.9 (600)  | 304.8 (1000) | 365.8 (1200) | 91.4 (300)   | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               | 1321-RWR80-DP |      |                   |      |      |      |     |  |  |  |
|             |        | 4         | 12.2 (40)   | 91.4 (300)  | 121.9 (400)  | 152.4 (500)  | 213.4 (700)  | 18.3 (60)    | 91.4 (300)   | 121.9 (400)  | 365.8 (1200) | 365.8 (1200) | 182.9 (600)                              | 304.8 (1000) | 304.8 (1000) | 365.8 (1200) | 365.8 (1200) |                            |               |      |                   |      |      |      |     |  |  |  |
|             | 45     | 2         | 12.2 (40)   | 137.2 (450) | 182.9 (600)  | 304.8 (1000) | 365.8 (1200) | 91.4 (300)   | 304.8 (1000) | 304.8 (1000) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               | 1321-RWR80-DP |      |                   |      |      |      |     |  |  |  |
|             |        | 4         | 12.2 (40)   | 91.4 (300)  | 121.9 (400)  | 152.4 (500)  | 213.4 (700)  | 24.4 (80)    | 91.4 (300)   | 121.9 (400)  | 365.8 (1200) | 365.8 (1200) | 152.4 (500)                              | 304.8 (1000) | 304.8 (1000) | 365.8 (1200) | 365.8 (1200) |                            |               |      |                   |      |      |      |     |  |  |  |
| 55          | 2      | 12.2 (40) | 137.2 (450) | 182.9 (600) | 304.8 (1000) | 365.8 (1200) | 91.4 (300)   | 274.3 (900)  | 274.3 (900)  | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR100-DP             |               |      |                   |      |      |      |     |  |  |  |
|             | 4      | 12.2 (40) | 91.4 (300)  | 121.9 (400) | 152.4 (500)  | 213.4 (700)  | 24.4 (80)    | 91.4 (300)   | 121.9 (400)  | 365.8 (1200) | 365.8 (1200) | 152.4 (500)  | 304.8 (1000)                             | 304.8 (1000) | 365.8 (1200) | 365.8 (1200) |              |                            |               |      |                   |      |      |      |     |  |  |  |
| 75          | 2      | 18.3 (60) | 137.2 (450) | 182.9 (600) | 304.8 (1000) | 365.8 (1200) | 91.4 (300)   | 213.4 (700)  | 213.4 (700)  | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR130-DP             |               |      |                   |      |      |      |     |  |  |  |
|             | 4      | 18.3 (60) | 91.4 (300)  | 121.9 (400) | 152.4 (500)  | 213.4 (700)  | 30.5 (100)   | 91.4 (300)   | 121.9 (400)  | 304.8 (1000) | 365.8 (1200) | 152.4 (500)  | 304.8 (1000)                             | 304.8 (1000) | 365.8 (1200) | 365.8 (1200) |              |                            |               |      |                   |      |      |      |     |  |  |  |
| 90          | 2      | 18.3 (60) | 137.2 (450) | 182.9 (600) | 304.8 (1000) | 365.8 (1200) | 91.4 (300)   | 213.4 (700)  | 213.4 (700)  | 365.8 (1200) | 365.8 (1200) | 304.8 (1000) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR160-DP             |               |      |                   |      |      |      |     |  |  |  |
|             | 4      | 18.3 (60) | 91.4 (300)  | 121.9 (400) | 152.4 (500)  | 213.4 (700)  | 30.5 (100)   | 91.4 (300)   | 121.9 (400)  | 365.8 (1200) | 365.8 (1200) | 121.9 (400)  | 243.8 (800)                              | 243.8 (800)  | 365.8 (1200) | 365.8 (1200) |              |                            |               |      |                   |      |      |      |     |  |  |  |
| 110         | 2      | 24.4 (80) | 137.2 (450) | 182.9 (600) | 274.3 (900)  | 365.8 (1200) | 76.2 (250)   | 198.1 (650)  | 198.1 (650)  | 365.8 (1200) | 365.8 (1200) | 274.3 (900)  | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR200-DP             |               |      |                   |      |      |      |     |  |  |  |
|             | 4      | 24.4 (80) | 91.4 (300)  | 121.9 (400) | 152.4 (500)  | 213.4 (700)  | 36.6 (120)   | 91.4 (300)   | 121.9 (400)  | 365.8 (1200) | 365.8 (1200) | 121.9 (400)  | 213.4 (700)                              | 213.4 (700)  | 365.8 (1200) | 365.8 (1200) |              |                            |               |      |                   |      |      |      |     |  |  |  |
| 132         | 2      | 24.4 (80) | 137.2 (450) | 167.6 (550) | 274.3 (900)  | 365.8 (1200) | 61.0 (200)   | 182.9 (600)  | 182.9 (600)  | 365.8 (1200) | 365.8 (1200) | 243.8 (800)  | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-RWR250-DP             |               |      |                   |      |      |      |     |  |  |  |
|             | 4      | 24.4 (80) | 91.4 (300)  | 121.9 (400) | 152.4 (500)  | 213.4 (700)  | 36.6 (120)   | 91.4 (300)   | 121.9 (400)  | 365.8 (1200) | 365.8 (1200) | 91.4 (300)   | 182.9 (600)                              | 182.9 (600)  | 365.8 (1200) | 365.8 (1200) |              |                            |               |      |                   |      |      |      |     |  |  |  |

**Table 58 - PowerFlex 755T Drive Products, Frames 5...7, 400V Shielded/Unshielded Cable – Meters (Feet) (continued)**

| Drive | Rating             |         | No Solution |             |             |             |              | Reactor Only |             |             |              |              | Reactor and Damping Resistor or 1321-RWR |              |              |              |              | Reactor/RWR (see page 163)   | Resistor |      | Available Options |      |      |      |     |
|-------|--------------------|---------|-------------|-------------|-------------|-------------|--------------|--------------|-------------|-------------|--------------|--------------|--|--------------|--------------|--------------|--------------|------------------------------|----------|------|-------------------|------|------|------|-----|
|       | Frame              | kW      | kHz         | 1000V       | 1200V       | 1350V       | 1488V        | 1600V        | 1000V       | 1200V       | 1350V        | 1488V        | 1600V                                    | 1000V        | 1200V        | 1350V        | 1488V        | 1600V                        | Cat. No. | Ohms | Watts             | TFB1 | TFB2 | RWR2 | RWC |
| 7     | 160                | 1.33, 2 | 24.4 (80)   | 121.9 (400) | 152.4 (500) | 243.8 (800) | 365.8 (1200) | 61.0 (200)   | 152.4 (500) | 152.4 (500) | 304.8 (1000) | 365.8 (1200) | 243.8 (800)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-3RB320-B                | 50       | 225  |                   | •    |      |      |     |
|       |                    |         | 24.4 (80)   | 91.4 (300)  | 121.9 (400) | 152.4 (500) | 182.9 (600)  | 36.6 (120)   | 91.4 (300)  | 121.9 (400) | 182.9 (600)  | 274.3 (900)  | 91.4 (300)                               | 182.9 (600)  | 182.9 (600)  | 365.8 (1200) | 365.8 (1200) | 50                           | 450      |      |                   |      |      |      |     |
|       | 200                | 1.33, 2 | 24.4 (80)   | 121.9 (400) | 152.4 (500) | 243.8 (800) | 365.8 (1200) | 61.0 (200)   | 152.4 (500) | 152.4 (500) | 304.8 (1000) | 365.8 (1200) | 243.8 (800)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-3RB400-B <sup>(2)</sup> | 20       | 495  |                   | •    |      |      |     |
|       |                    |         | 24.4 (80)   | 91.4 (300)  | 114.3 (375) | 152.4 (500) | 182.9 (600)  | 36.6 (120)   | 91.4 (300)  | 114.3 (375) | 182.9 (600)  | 228.6 (750)  | 91.4 (300)                               | 182.9 (600)  | 182.9 (600)  | 304.8 (1000) | 365.8 (1200) | 20                           | 990      |      |                   |      |      |      |     |
|       | 250                | 1.33, 2 | 24.4 (80)   | 121.9 (400) | 152.4 (500) | 213.4 (700) | 304.8 (1000) | 45.7 (150)   | 121.9 (400) | 152.4 (500) | 304.8 (1000) | 365.8 (1200) | 228.6 (750)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-3R500-B <sup>(1)</sup>  | 20       | 495  |                   | •    |      |      |     |
|       |                    |         | 24.4 (80)   | 91.4 (300)  | 114.3 (375) | 152.4 (500) | 182.9 (600)  | 36.6 (120)   | 91.4 (300)  | 114.3 (375) | 167.6 (550)  | 213.4 (700)  | 91.4 (300)                               | 182.9 (600)  | 182.9 (600)  | 304.8 (1000) | 365.8 (1200) | 20                           | 990      |      | •                 |      |      |      |     |
|       | 315 <sup>(1)</sup> | 1.33, 2 | 24.4 (80)   | 121.9 (400) | 152.4 (500) | 213.4 (700) | 259.1 (850)  | 45.7 (150)   | 121.9 (400) | 152.4 (500) | 304.8 (1000) | 365.8 (1200) | 228.6 (750)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 1321-3R600-B <sup>(1)</sup>  | 20       | 495  |                   | •    |      |      |     |
|       |                    |         | 24.4 (80)   | 91.4 (300)  | 114.3 (375) | 152.4 (500) | 182.9 (600)  | 36.6 (120)   | 91.4 (300)  | 114.3 (375) | 167.6 (550)  | 213.4 (700)  | 91.4 (300)                               | 182.9 (600)  | 182.9 (600)  | 304.8 (1000) | 365.8 (1200) | 20                           | 990      |      | •                 |      |      |      |     |

- (1) 315 Hp Frame 7 drive products rated for 540 amps use IGBT Power Structure Cat. No. 20-750-MI4-C540D50. 315 Hp Frame 7 drive products rated for 600 amps use IGBT Power Structure Cat. No. 20-750-MI4-C585D617.
- (2) Requires two parallel cables.

**Table 59 - PowerFlex 755T Drive Products, Frames 8...15, 400V Shielded/Unshielded Cable – Meters (Feet)**

| Drive |     |         | Inverter Switching kHz | No Solution |             |             |                     |                               | Inverter Switching kHz | With Reactor and Damping Resistor (included in roll-in) |              |              |                     |                               |
|-------|-----|---------|------------------------|-------------|-------------|-------------|---------------------|-------------------------------|------------------------|---|--------------|--------------|---------------------|-------------------------------|
| Frame | kW  | Amps    |                        | 1000V       | 1200V       | 1488V       | 1600V               | IGBT Power Structure Cat. No. |                        | 1000V   | 1200V        | 1488V        | 1600V               | IGBT Power Structure Cat. No. |
| 8     | 160 | 302     | 1.33, 2                | 24.4 (80)   | 121.9 (400) | 213.4 (700) | 304.8 (1000)        | 20-750-MI1-C302D302           | 1.33, 2                | 228.6 (750)   | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)        | 20-750-MI3-C302D302           |
|       |     |         | 4                      | 24.4 (80)   | 91.4 (300)  | 152.4 (500) | 182.9 (600)         |                               | 4                      | 91.4 (300)  | 182.9 (600)  | 304.8 (1000) | 365.8 (1200)        |                               |
|       | 200 | 367     | 1.33, 2                | 24.4 (80)   | 121.9 (400) | 213.4 (700) | 304.8 (1000)        | 20-750-MI1-C367D361           | 1.33, 2                | 228.6 (750)   | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)        | 20-750-MI3-C367D361           |
|       |     |         | 4                      | 24.4 (80)   | 91.4 (300)  | 152.4 (500) | 182.9 (600)         |                               | 4                      | 91.4 (300)  | 182.9 (600)  | 304.8 (1000) | 365.8 (1200)        |                               |
|       | 250 | 460     | 1.33, 2                | 24.4 (80)   | 121.9 (400) | 213.4 (700) | 304.8 (1000)        | 20-750-MI1-C460D430           | 1.33, 2                | 228.6 (750)   | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)        | 20-750-MI3-C460D430           |
|       |     |         | 4                      | 24.4 (80)   | 91.4 (300)  | 152.4 (500) | 182.9 (600)         |                               | 4                      | 91.4 (300)  | 182.9 (600)  | 304.8 (1000) | 365.8 (1200)        |                               |
|       | 315 | 540     | 1.33, 2                | 24.4 (80)   | 121.9 (400) | 213.4 (700) | 259.1 (850)         | 20-750-MI1-C540D505           | 1.33, 2                | 228.6 (750)   | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)        | 20-750-MI3-C540D505           |
|       |     |         | 4                      | 24.4 (80)   | 91.4 (300)  | 152.4 (500) | 182.9 (600)         |                               | 4                      | 91.4 (300)  | 182.9 (600)  | 304.8 (1000) | 365.8 (1200)        |                               |
|       | 315 | 585     | 1.33, 2                | 24.4 (80)   | 121.9 (400) | 213.4 (700) | 259.1 (850)         | 20-750-MI1-C585D545           | 1.33, 2                | 228.6 (750)   | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)        | 20-750-MI3-C585D545           |
|       |     |         | 4                      | 24.4 (80)   | 91.4 (300)  | 152.4 (500) | 182.9 (600)         |                               | 4                      | 91.4 (300)  | 182.9 (600)  | 304.8 (1000) | 365.8 (1200)        |                               |
|       | 355 | 650     | 1.33, 2                | 24.4 (80)   | 121.9 (400) | 213.4 (700) | 259.1 (850)         | 20-750-MI1-C650D617           | 1.33, 2                | 228.6 (750)   | 304.8 (1000) | 365.8 (1200) | 365.8 (1200)        | 20-750-MI3-C650D617           |
|       |     |         | 4                      | 24.4 (80)   | 91.4 (300)  | 152.4 (500) | 182.9 (600)         |                               | 4                      | 91.4 (300)  | 182.9 (600)  | 304.8 (1000) | 365.8 (1200)        |                               |
|       | 400 | 750     | 1.33, 2                | 24.4 (80)   | 91.4 (300)  | 152.4 (500) | 213.4 (700)         | 20-750-MI1-C750D710           | 1.33, 2                | 198.1 (650)   | 274.3 (900)  | 304.8 (1000) | 365.8 (1200)        | 20-750-MI3-C750D710           |
|       |     |         | 4                      | 24.4 (80)   | 91.4 (300)  | 137.2 (450) | 167.6 (550)         |                               | 4                      | 76.2 (250)  | 137.2 (450)  | 274.8 (902)  | 365.8 (1200)        |                               |
| 400   | 770 | 1.33, 2 | 24.4 (80)              | 91.4 (300)  | 152.4 (500) | 213.4 (700) | 20-750-MI1-C750D710 | 1.33, 2                       | 198.1 (650)            | 274.3 (900)   | 304.8 (1000) | 365.8 (1200) | 20-750-MI3-C770D740 |                               |
|       |     | 4       | 24.4 (80)              | 91.4 (300)  | 137.2 (450) | 167.6 (550) |                     | 4                             | 76.2 (250)             | 137.2 (450)   | 274.8 (902)  | 365.8 (1200) |                     |                               |

**Table 59 - PowerFlex 755T Drive Products, Frames 8...15, 400V Shielded/Unshielded Cable – Meters (Feet) (continued)**

| Drive |      |      | Inverter Switching kHz | No Solution |            |             |             |                               | Inverter Switching kHz | With Reactor and Damping Resistor (included in roll-in) |              |              |              |                               |
|-------|------|------|------------------------|-------------|------------|-------------|-------------|-------------------------------|------------------------|---|--------------|--------------|--------------|-------------------------------|
| Frame | kW   | Amps |                        | 1000V       | 1200V      | 1488V       | 1600V       | IGBT Power Structure Cat. No. |                        | 1000V   | 1200V        | 1488V        | 1600V        | IGBT Power Structure Cat. No. |
| 9     | 500  | 920  | 1.33, 2                | 24.4 (80)   | 76.2 (250) | 152.4 (500) | 213.4 (700) | 20-750-MI2-C460D430           | 1.33, 2                | 213.4 (700)   | 304.8 (1000) | 365.8 (1200) | 365.8 (1200) | 20-750-MI3-C460D430           |
|       |      |      | 4                      | 24.4 (80)   | 61.0 (200) | 106.7 (350) | 137.2 (450) |                               | 4                      | 91.4 (300)  | 182.9 (600)  | 365.8 (1200) | 365.8 (1200) |                               |
|       | 560  | 1040 | 1.33, 2                | 24.4 (80)   | 61.0 (200) | 152.4 (500) | 182.9 (600) | 20-750-MI2-C540D485           | 1.33, 2                | 182.9 (600)   | 274.3 (900)  | 365.8 (1200) | 365.8 (1200) | 20-750-MI3-C540D485           |
|       |      |      | 4                      | 24.4 (80)   | 61.0 (200) | 106.7 (350) | 137.2 (450) |                               | 4                      | 91.4 (300)  | 182.9 (600)  | 365.8 (1200) | 365.8 (1200) |                               |
|       | 630  | 1112 | 1.33, 2                | 24.4 (80)   | 61.0 (200) | 152.4 (500) | 182.9 (600) | 20-750-MI2-C567D545           | 1.33, 2                | 182.9 (600)   | 274.3 (900)  | 365.8 (1200) | 365.8 (1200) | 20-750-MI3-C567D545           |
|       |      |      | 4                      | 24.4 (80)   | 61.0 (200) | 106.7 (350) | 137.2 (450) |                               | 4                      | 91.4 (300)  | 182.9 (600)  | 365.8 (1200) | 365.8 (1200) |                               |
|       | 710  | 1175 | 1.33, 2                | 24.4 (80)   | 61.0 (200) | 152.4 (500) | 182.9 (600) | 20-750-MI2-C750D710           | 1.33, 2                | 182.9 (600)   | 274.3 (900)  | 365.8 (1200) | 365.8 (1200) | 20-750-MI3-C750D710           |
|       |      |      | 4                      | 24.4 (80)   | 61.0 (200) | 106.7 (350) | 137.2 (450) |                               | 4                      | 91.4 (300)  | 182.9 (600)  | 365.8 (1200) | 365.8 (1200) |                               |
|       | 800  | 1465 | 1.33, 2                | 24.4 (80)   | 61.0 (200) | 152.4 (500) | 182.9 (600) | 20-750-MI2-C770D740           | 1.33, 2                | 182.9 (600)   | 274.3 (900)  | 365.8 (1200) | 365.8 (1200) | 20-750-MI3-C770D740           |
|       |      |      | 4                      | 24.4 (80)   | 61.0 (200) | 106.7 (350) | 137.2 (450) |                               | 4                      | 91.4 (300)  | 182.9 (600)  | 365.8 (1200) | 365.8 (1200) |                               |
| 10    | 850  | 1590 | 1.33, 2                | 24.4 (80)   | 61.0 (200) | 152.4 (500) | 182.9 (600) | 20-750-MI2-C650D617           | 1.33, 2                | 182.9 (600)   | 274.3 (900)  | 365.8 (1200) | 365.8 (1200) | 20-750-MI3-C650D617           |
|       |      |      | 4                      | 24.4 (80)   | 61.0 (200) | 106.7 (350) | 137.2 (450) |                               | 4                      | 91.4 (300)  | 182.9 (600)  | 365.8 (1200) | 365.8 (1200) |                               |
|       | 1000 | 1715 | 1.33, 2                | 24.4 (80)   | 45.7 (150) | 121.9 (400) | 182.9 (600) | 20-750-MI2-C770D740           | 1.33, 2                | 182.9 (600)   | 274.3 (900)  | 365.8 (1200) | 365.8 (1200) | 20-750-MI3-C770D740           |
|       |      |      | 4                      | 24.4 (80)   | 45.7 (150) | 91.4 (300)  | 137.2 (450) |                               | 4                      | 91.4 (300)  | 182.9 (600)  | 365.8 (1200) | 365.8 (1200) |                               |
|       | 1250 | 2156 | 1.33, 2                | 24.4 (80)   | 45.7 (150) | 91.4 (300)  | 137.2 (450) | 20-750-MI2-C750D710           | 1.33, 2                | 152.4 (500)   | 274.3 (900)  | 365.8 (1200) | 365.8 (1200) | 20-750-MI3-C750D710           |
|       |      |      | 4                      | 24.4 (80)   | 45.7 (150) | 106.7 (350) | 152.4 (500) |                               | 4                      | 91.4 (300)  | 182.9 (600)  | 365.8 (1200) | 365.8 (1200) |                               |
| 11    | 1650 | 2849 | 1.33, 2                | 24.4 (80)   | 45.7 (150) | 91.4 (300)  | 137.2 (450) | 20-750-MI2-C770D740           | 1.33, 2                | 152.4 (500)   | 274.3 (900)  | 365.8 (1200) | 365.8 (1200) | 20-750-MI3-C770D740           |
|       |      |      | 4                      | 24.4 (80)   | 45.7 (150) | 106.7 (350) | 152.4 (500) |                               | 4                      | 91.4 (300)  | 182.9 (600)  | 365.8 (1200) | 365.8 (1200) |                               |
| 12    | 2000 | 3542 | 1.33, 2                | 24.4 (80)   | 45.7 (150) | 91.4 (300)  | 137.2 (450) | 20-750-MI2-C770D740           | 1.33, 2                | 152.4 (500)   | 274.3 (900)  | 365.8 (1200) | 365.8 (1200) | 20-750-MI3-C770D740           |
|       |      |      | 4                      | 24.4 (80)   | 45.7 (150) | 106.7 (350) | 152.4 (500) |                               | 4                      | 91.4 (300)  | 182.9 (600)  | 365.8 (1200) | 365.8 (1200) |                               |
| 13    | 2200 | 4235 | 1.33, 2                | 24.4 (80)   | 45.7 (150) | 91.4 (300)  | 137.2 (450) | 20-750-MI2-C750D710           | 1.33, 2                | 152.4 (500)   | 274.3 (900)  | 365.8 (1200) | 365.8 (1200) | 20-750-MI3-C750D710           |
|       |      |      | 4                      | 24.4 (80)   | 45.7 (150) | 106.7 (350) | 152.4 (500) |                               | 4                      | 91.4 (300)  | 182.9 (600)  | 365.8 (1200) | 365.8 (1200) |                               |
| 14    | 2920 | 5621 | 1.33, 2                | 24.4 (80)   | 45.7 (150) | 91.4 (300)  | 137.2 (450) | 20-750-MI2-C770D740           | 1.33, 2                | 152.4 (500)   | 274.3 (900)  | 365.8 (1200) | 365.8 (1200) | 20-750-MI3-C770D740           |
|       |      |      | 4                      | 24.4 (80)   | 45.7 (150) | 106.7 (350) | 152.4 (500) |                               | 4                      | 91.4 (300)  | 182.9 (600)  | 365.8 (1200) | 365.8 (1200) |                               |
| 15    | 3640 | 7007 | 1.33, 2                | 24.4 (80)   | 45.7 (150) | 91.4 (300)  | 137.2 (450) | 20-750-MI2-C770D740           | 1.33, 2                | 152.4 (500)   | 274.3 (900)  | 365.8 (1200) | 365.8 (1200) | 20-750-MI3-C770D740           |
|       |      |      | 4                      | 24.4 (80)   | 45.7 (150) | 106.7 (350) | 152.4 (500) |                               | 4                      | 91.4 (300)  | 182.9 (600)  | 365.8 (1200) | 365.8 (1200) |                               |

Table 60 - PowerFlex 755T Drive Products, Frames 5...7, 480V Shielded/Unshielded Cable – Meters (Feet)

| Drive | Rating |           | No Solution |            |             |             |             | Reactor Only |            |             |              |              | Reactor and Damping Resistor or 1321-RWR |              |              |              |              | Reactor/RWR (see page 163) | Resistor       |                | Available Options |      |      |      |     |   |   |  |
|-------|--------|-----------|-------------|------------|-------------|-------------|-------------|--------------|------------|-------------|--------------|--------------|--|--------------|--------------|--------------|--------------|----------------------------|----------------|----------------|-------------------|------|------|------|-----|---|---|--|
|       | Frame  | Hp        | kHz         | 1000V      | 1200V       | 1350V       | 1488V       | 1600V        | 1000V      | 1200V       | 1350V        | 1488V        | 1600V                                    | 1000V        | 1200V        | 1350V        | 1488V        | 1600V                      | Cat. No.       | Ohms           | Watts             | TFB1 | TFB2 | RWR2 | RWC |   |   |  |
| 5     | 10     | 2         | 7.6 (25)    | 12.2 (40)  | 61.0 (200)  | 106.7 (350) | 152.4 (500) | 7.6 (25)     | 91.4 (300) | 91.4 (300)  | 365.8 (1200) | 365.8 (1200) | 152.4 (500)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               | 1321-RWR18-DP  |                |                   |      |      |      |     | • | • |  |
|       |        | 4         | 7.6 (25)    | 12.2 (40)  | 61.0 (200)  | 106.7 (350) | 152.4 (500) | 7.6 (25)     | 12.2 (40)  | 61.0 (200)  | 121.9 (400)  | 182.9 (600)  | 182.9 (600)                              | 152.4 (500)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                | 182.9 (600)    |                |                   |      |      |      |     |   | • |  |
|       | 15     | 2         | 7.6 (25)    | 12.2 (40)  | 61.0 (200)  | 106.7 (350) | 152.4 (500) | 7.6 (25)     | 91.4 (300) | 91.4 (300)  | 365.8 (1200) | 365.8 (1200) | 152.4 (500)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               | 365.8 (1200)   | 1321-RWR25-DP  |                   |      |      |      |     |   | • |  |
|       |        | 4         | 7.6 (25)    | 12.2 (40)  | 61.0 (200)  | 106.7 (350) | 152.4 (500) | 7.6 (25)     | 12.2 (40)  | 61.0 (200)  | 121.9 (400)  | 182.9 (600)  | 182.9 (600)                              | 152.4 (500)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)  | 182.9 (600)                | 182.9 (600)    |                |                   |      |      |      |     |   |   |  |
|       | 20     | 2         | 7.6 (25)    | 12.2 (40)  | 76.2 (250)  | 137.2 (450) | 182.9 (600) | 7.6 (25)     | 91.4 (300) | 91.4 (300)  | 365.8 (1200) | 365.8 (1200) | 182.9 (600)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               | 365.8 (1200)   | 1321-RWR35-DP  |                   |      |      |      |     |   | • |  |
|       |        | 4         | 7.6 (25)    | 12.2 (40)  | 61.0 (200)  | 121.9 (400) | 182.9 (600) | 7.6 (25)     | 12.2 (40)  | 61.0 (200)  | 121.9 (400)  | 304.8 (1000) | 182.9 (600)                              | 304.8 (1000) | 304.8 (1000) | 304.8 (1000) | 365.8 (1200) | 365.8 (1200)               | 365.8 (1200)   |                |                   |      |      |      |     |   |   |  |
|       | 25     | 2         | 7.6 (25)    | 12.2 (40)  | 76.2 (250)  | 137.2 (450) | 182.9 (600) | 7.6 (25)     | 76.2 (250) | 76.2 (250)  | 365.8 (1200) | 365.8 (1200) | 182.9 (600)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               | 365.8 (1200)   | 1321-RWR35-DP  |                   |      |      |      |     |   | • |  |
|       |        | 4         | 7.6 (25)    | 12.2 (40)  | 61.0 (200)  | 121.9 (400) | 182.9 (600) | 7.6 (25)     | 12.2 (40)  | 61.0 (200)  | 121.9 (400)  | 274.3 (900)  | 152.4 (500)                              | 304.8 (1000) | 304.8 (1000) | 304.8 (1000) | 365.8 (1200) | 365.8 (1200)               | 365.8 (1200)   |                |                   |      |      |      |     |   |   |  |
|       | 30     | 2         | 7.6 (25)    | 12.2 (40)  | 76.2 (250)  | 137.2 (450) | 182.9 (600) | 7.6 (25)     | 76.2 (250) | 76.2 (250)  | 365.8 (1200) | 365.8 (1200) | 182.9 (600)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               | 365.8 (1200)   | 1321-RWR45-DP  |                   |      |      |      |     |   | • |  |
|       |        | 4         | 7.6 (25)    | 12.2 (40)  | 61.0 (200)  | 121.9 (400) | 182.9 (600) | 7.6 (25)     | 12.2 (40)  | 61.0 (200)  | 121.9 (400)  | 243.8 (800)  | 152.4 (500)                              | 304.8 (1000) | 304.8 (1000) | 304.8 (1000) | 365.8 (1200) | 365.8 (1200)               | 365.8 (1200)   |                |                   |      |      |      |     |   |   |  |
|       | 40     | 2         | 7.6 (25)    | 12.2 (40)  | 76.2 (250)  | 137.2 (450) | 182.9 (600) | 7.6 (25)     | 76.2 (250) | 76.2 (250)  | 365.8 (1200) | 365.8 (1200) | 152.4 (500)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               | 365.8 (1200)   | 1321-RWR55-DP  |                   |      |      |      |     |   | • |  |
|       |        | 4         | 7.6 (25)    | 12.2 (40)  | 61.0 (200)  | 106.7 (350) | 152.4 (500) | 7.6 (25)     | 12.2 (40)  | 61.0 (200)  | 106.7 (350)  | 228.6 (750)  | 121.9 (400)                              | 243.8 (800)  | 243.8 (800)  | 243.8 (800)  | 365.8 (1200) | 365.8 (1200)               | 365.8 (1200)   |                |                   |      |      |      |     |   |   |  |
|       | 50     | 2         | 12.2 (40)   | 18.3 (60)  | 76.2 (250)  | 137.2 (450) | 182.9 (600) | 12.2 (40)    | 61.0 (200) | 76.2 (250)  | 304.8 (1000) | 365.8 (1200) | 152.4 (500)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               | 365.8 (1200)   | 1321-RWR80-DP  |                   |      |      |      |     |   | • |  |
|       |        | 4         | 7.6 (25)    | 12.2 (40)  | 61.0 (200)  | 91.4 (300)  | 152.4 (500) | 12.2 (40)    | 18.3 (60)  | 61.0 (200)  | 106.7 (350)  | 228.6 (750)  | 91.4 (300)                               | 243.8 (800)  | 243.8 (800)  | 243.8 (800)  | 365.8 (1200) | 365.8 (1200)               | 365.8 (1200)   |                |                   |      |      |      |     |   |   |  |
|       | 60     | 2         | 12.2 (40)   | 18.3 (60)  | 91.4 (300)  | 137.2 (450) | 182.9 (600) | 12.2 (40)    | 61.0 (200) | 91.4 (300)  | 304.8 (1000) | 365.8 (1200) | 137.2 (450)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               | 365.8 (1200)   | 1321-RWR80-DP  |                   |      |      |      |     |   | • |  |
|       |        | 4         | 7.6 (25)    | 12.2 (40)  | 61.0 (200)  | 91.4 (300)  | 152.4 (500) | 12.2 (40)    | 24.4 (80)  | 61.0 (200)  | 91.4 (300)   | 228.6 (750)  | 76.2 (250)                               | 213.4 (700)  | 213.4 (700)  | 213.4 (700)  | 365.8 (1200) | 365.8 (1200)               | 365.8 (1200)   |                |                   |      |      |      |     |   |   |  |
| 75    | 2      | 12.2 (40) | 18.3 (60)   | 91.4 (300) | 137.2 (450) | 182.9 (600) | 12.2 (40)   | 61.0 (200)   | 91.4 (300) | 274.3 (900) | 365.8 (1200) | 137.2 (450)  | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               | 1321-RWR100-DP |                |                   |      |      |      |     | • |   |  |
|       | 4      | 7.6 (25)  | 12.2 (40)   | 61.0 (200) | 91.4 (300)  | 152.4 (500) | 12.2 (40)   | 24.4 (80)    | 61.0 (200) | 91.4 (300)  | 182.9 (600)  | 76.2 (250)   | 182.9 (600)                              | 182.9 (600)  | 182.9 (600)  | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               |                |                |                   |      |      |      |     |   |   |  |
| 6     | 100    | 2         | 12.2 (40)   | 24.4 (80)  | 91.4 (300)  | 137.2 (450) | 182.9 (600) | 12.2 (40)    | 61.0 (200) | 91.4 (300)  | 243.8 (800)  | 365.8 (1200) | 137.2 (450)                              | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               | 1321-RWR130-DP |                |                   |      |      |      |     | • |   |  |
|       |        | 4         | 7.6 (25)    | 18.3 (60)  | 61.0 (200)  | 91.4 (300)  | 152.4 (500) | 12.2 (40)    | 30.5 (100) | 61.0 (200)  | 91.4 (300)   | 152.4 (500)  | 61.0 (200)                               | 137.2 (450)  | 137.2 (450)  | 137.2 (450)  | 304.8 (1000) | 365.8 (1200)               | 365.8 (1200)   |                |                   |      |      |      |     |   |   |  |
|       | 125    | 2         | 12.2 (40)   | 24.4 (80)  | 91.4 (300)  | 137.2 (450) | 182.9 (600) | 12.2 (40)    | 61.0 (200) | 91.4 (300)  | 243.8 (800)  | 365.8 (1200) | 121.9 (400)                              | 304.8 (1000) | 304.8 (1000) | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               | 365.8 (1200)   | 1321-RWR160-DP |                   |      |      |      |     |   | • |  |
|       |        | 4         | 7.6 (25)    | 18.3 (60)  | 61.0 (200)  | 91.4 (300)  | 152.4 (500) | 12.2 (40)    | 30.5 (100) | 61.0 (200)  | 91.4 (300)   | 152.4 (500)  | 61.0 (200)                               | 137.2 (450)  | 137.2 (450)  | 137.2 (450)  | 304.8 (1000) | 365.8 (1200)               | 365.8 (1200)   |                |                   |      |      |      |     |   |   |  |
|       | 150    | 2         | 12.2 (40)   | 24.4 (80)  | 91.4 (300)  | 137.2 (450) | 182.9 (600) | 12.2 (40)    | 61.0 (200) | 91.4 (300)  | 243.8 (800)  | 304.8 (1000) | 91.4 (300)                               | 274.3 (900)  | 274.3 (900)  | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)               | 365.8 (1200)   | 1321-RWR200-DP |                   |      |      |      |     |   | • |  |
|       |        | 4         | 7.6 (25)    | 24.4 (80)  | 61.0 (200)  | 91.4 (300)  | 152.4 (500) | 12.2 (40)    | 30.5 (100) | 61.0 (200)  | 91.4 (300)   | 152.4 (500)  | 61.0 (200)                               | 137.2 (450)  | 137.2 (450)  | 137.2 (450)  | 304.8 (1000) | 365.8 (1200)               | 365.8 (1200)   |                |                   |      |      |      |     |   |   |  |

**Table 60 - PowerFlex 755T Drive Products, Frames 5...7, 480V Shielded/Unshielded Cable – Meters (Feet) (continued)**

| Drive<br>Frame | Rating |          | No Solution |            |            |             |             | Reactor Only |            |            |             |             | Reactor and Damping Resistor or 1321-RWR |             |             |              |              | Reactor/RWR<br>(see page 163) | Resistor |                    | Available Options |       |      |     |  |  |
|----------------|--------|----------|-------------|------------|------------|-------------|-------------|--------------|------------|------------|-------------|-------------|--|-------------|-------------|--------------|--------------|-------------------------------|----------|--------------------|-------------------|-------|------|-----|--|--|
|                | Hp     | kHz      | 1000V       | 1200V      | 1350V      | 1488V       | 1600V       | 1000V        | 1200V      | 1350V      | 1488V       | 1600V       | 1000V                                    | 1200V       | 1350V       | 1488V        | 1600V        | Cat. No.                      | Ohms     | Watts              | TF A1             | TF B2 | RWR2 | RWC |  |  |
| 7              | 200    | 1.33, 2  | 12.2 (40)   | 30.5 (100) | 91.4 (300) | 137.2 (450) | 167.6 (550) | 12.2 (40)    | 61.0 (200) | 91.4 (300) | 198.1 (650) | 259.1 (850) | 76.2 (250)                               | 213.4 (700) | 213.4 (700) | 304.8 (1000) | 365.8 (1200) | 1321-RWR250-DP                |          |                    |                   | •     |      |     |  |  |
|                |        | 4        | 7.6 (25)    | 24.4 (80)  | 61.0 (200) | 91.4 (300)  | 121.9 (400) | 12.2 (40)    | 30.5 (100) | 61.0 (200) | 91.4 (300)  | 121.9 (400) | 45.7 (150)                               | 137.2 (450) | 137.2 (450) | 243.8 (800)  | 304.8 (1000) |                               |          |                    |                   |       |      |     |  |  |
|                | 250    | 1.33, 2  | 12.2 (40)   | 30.5 (100) | 91.4 (300) | 137.2 (450) | 167.6 (550) | 12.2 (40)    | 61.0 (200) | 91.4 (300) | 198.1 (650) | 259.1 (850) | 76.2 (250)                               | 213.4 (700) | 213.4 (700) | 304.8 (1000) | 365.8 (1200) | 1321-3RB320-B                 | 50       | 225                |                   | •     |      |     |  |  |
|                |        | 4        | 7.6 (25)    | 24.4 (80)  | 61.0 (200) | 91.4 (300)  | 121.9 (400) | 12.2 (40)    | 30.5 (100) | 61.0 (200) | 91.4 (300)  | 121.9 (400) | 45.7 (150)                               | 137.2 (450) | 137.2 (450) | 243.8 (800)  | 304.8 (1000) |                               | 50       | 450                |                   |       |      |     |  |  |
|                | 300    | 1.33, 2  | 12.2 (40)   | 30.5 (100) | 76.2 (250) | 106.7 (350) | 152.4 (500) | 12.2 (40)    | 45.7 (150) | 76.2 (250) | 137.2 (450) | 182.9 (600) | 61.0 (200)                               | 213.4 (700) | 213.4 (700) | 304.8 (1000) | 365.8 (1200) | 1321-3RB400-B                 | 20       | 495 <sup>(1)</sup> |                   | •     |      |     |  |  |
|                |        | 4        | 7.6 (25)    | 24.4 (80)  | 61.0 (200) | 91.4 (300)  | 121.9 (400) | 12.2 (40)    | 30.5 (100) | 61.0 (200) | 91.4 (300)  | 121.9 (400) | 45.7 (150)                               | 137.2 (450) | 137.2 (450) | 243.8 (800)  | 304.8 (1000) |                               | 20       | 990 <sup>(1)</sup> |                   |       |      |     |  |  |
|                | 350    | 1.33, 2  | 12.2 (40)   | 30.5 (100) | 76.2 (250) | 106.7 (350) | 152.4 (500) | 12.2 (40)    | 45.7 (150) | 76.2 (250) | 137.2 (450) | 182.9 (600) | 61.0 (200)                               | 213.4 (700) | 213.4 (700) | 304.8 (1000) | 365.8 (1200) | 1321-3RB400-B                 | 20       | 495 <sup>(1)</sup> |                   | •     |      |     |  |  |
|                |        | 4        | 7.6 (25)    | 24.4 (80)  | 61.0 (200) | 91.4 (300)  | 121.9 (400) | 12.2 (40)    | 30.5 (100) | 61.0 (200) | 91.4 (300)  | 121.9 (400) | 45.7 (150)                               | 137.2 (450) | 137.2 (450) | 243.8 (800)  | 304.8 (1000) |                               | 20       | 990 <sup>(1)</sup> |                   |       |      |     |  |  |
|                | 400    | 1.33, 2  | 12.2 (40)   | 30.5 (100) | 76.2 (250) | 106.7 (350) | 152.4 (500) | 12.2 (40)    | 45.7 (150) | 76.2 (250) | 137.2 (450) | 182.9 (600) | 61.0 (200)                               | 213.4 (700) | 213.4 (700) | 304.8 (1000) | 365.8 (1200) | 1321-3R500-B                  | 20       | 495 <sup>(1)</sup> |                   | •     |      |     |  |  |
|                |        | 4        | 7.6 (25)    | 24.4 (80)  | 61.0 (200) | 91.4 (300)  | 121.9 (400) | 12.2 (40)    | 30.5 (100) | 61.0 (200) | 91.4 (300)  | 121.9 (400) | 45.7 (150)                               | 137.2 (450) | 137.2 (450) | 243.8 (800)  | 304.8 (1000) |                               | 20       | 990 <sup>(1)</sup> |                   |       |      |     |  |  |
|                | 500    | 1.33, 22 | 12.2 (40)   | 30.5 (100) | 76.2 (250) | 106.7 (350) | 152.4 (500) | 12.2 (40)    | 45.7 (150) | 76.2 (250) | 137.2 (450) | 182.9 (600) | 61.0 (200)                               | 213.4 (700) | 213.4 (700) | 304.8 (1000) | 365.8 (1200) | 1321-3R500-B                  | 20       | 495 <sup>(1)</sup> |                   | •     |      |     |  |  |
|                |        | 4        | 7.6 (25)    | 24.4 (80)  | 61.0 (200) | 91.4 (300)  | 121.9 (400) | 12.2 (40)    | 30.5 (100) | 61.0 (200) | 91.4 (300)  | 121.9 (400) | 45.7 (150)                               | 137.2 (450) | 137.2 (450) | 243.8 (800)  | 304.8 (1000) |                               | 20       | 990 <sup>(1)</sup> |                   |       |      |     |  |  |

(1) Resistor specification is based on two parallel cables per phase.

**Table 61 - PowerFlex 755T Drive Products, Frames 8...15, 480V Shielded/Unshielded Cable – Meters (Feet)**

| Drive |     |      | Inverter Switching kHz | No Solution |            |             |             |                               | Inverter Switching kHz | With Reactor and Damping Resistor (included in roll-in) |             |              |              |                               |
|-------|-----|------|------------------------|-------------|------------|-------------|-------------|-------------------------------|------------------------|---|-------------|--------------|--------------|-------------------------------|
| Frame | Hp  | Amps |                        | 1000V       | 1200V      | 1488V       | 1600V       | IGBT Power Structure Cat. No. |                        | 1000V   | 1200V       | 1488V        | 1600V        | IGBT Power Structure Cat. No. |
| 8     | 250 | 302  | 1.33, 2                | 12.2 (40)   | 30.5 (100) | 106.7 (350) | 152.4 (500) | 20-750-MI1-C302D302           | 1.33, 2                | 61 (200)  | 213.4 (700) | 304.8 (1000) | 365.8 (1200) | 20-750-MI3-C302D302           |
|       |     |      | 4                      | 7.6 (25)    | 24.4 (80)  | 91.4 (300)  | 121.9 (400) |                               | 4                      | 45.7 (150)  | 137.2 (450) | 243.8 (800)  | 304.8 (1000) |                               |
|       | 300 | 361  | 1.33, 2                | 12.2 (40)   | 30.5 (100) | 106.7 (350) | 152.4 (500) | 20-750-MI1-C367D361           | 1.33, 2                | 61 (200)  | 213.4 (700) | 304.8 (1000) | 365.8 (1200) | 20-750-MI3-C367D361           |
|       |     |      | 4                      | 7.6 (25)    | 24.4 (80)  | 91.4 (300)  | 121.9 (400) |                               | 4                      | 45.7 (150)  | 137.2 (450) | 243.8 (800)  | 304.8 (1000) |                               |
|       | 350 | 430  | 1.33, 2                | 12.2 (40)   | 30.5 (100) | 106.7 (350) | 152.4 (500) | 20-750-MI1-C460D430           | 1.33, 2                | 61 (200)  | 213.4 (700) | 304.8 (1000) | 365.8 (1200) | 20-750-MI3-C460D430           |
|       |     |      | 4                      | 7.6 (25)    | 24.4 (80)  | 91.4 (300)  | 121.9 (400) |                               | 4                      | 45.7 (150)  | 137.2 (450) | 243.8 (800)  | 304.8 (1000) |                               |
|       | 400 | 505  | 1.33, 2                | 12.2 (40)   | 30.5 (100) | 106.7 (350) | 152.4 (500) | 20-750-MI1-C540D505           | 1.33, 2                | 61 (200)  | 213.4 (700) | 304.8 (1000) | 365.8 (1200) | 20-750-MI3-C540D505           |
|       |     |      | 4                      | 7.6 (25)    | 24.4 (80)  | 91.4 (300)  | 121.9 (400) |                               | 4                      | 45.7 (150)  | 137.2 (450) | 243.8 (800)  | 304.8 (1000) |                               |
|       | 450 | 545  | 1.33, 2                | 12.2 (40)   | 30.5 (100) | 106.7 (350) | 152.4 (500) | 20-750-MI1-C585D545           | 1.33, 2                | 61 (200)  | 213.4 (700) | 304.8 (1000) | 365.8 (1200) | 20-750-MI3-C585D545           |
|       |     |      | 4                      | 7.6 (25)    | 24.4 (80)  | 91.4 (300)  | 121.9 (400) |                               | 4                      | 45.7 (150)  | 137.2 (450) | 243.8 (800)  | 304.8 (1000) |                               |
|       | 500 | 617  | 1.33, 2                | 12.2 (40)   | 30.5 (100) | 106.7 (350) | 152.4 (500) | 20-750-MI1-C650D617           | 1.33, 2                | 61 (200)  | 213.4 (700) | 304.8 (1000) | 365.8 (1200) | 20-750-MI3-C650D617           |
|       |     |      | 4                      | 7.6 (25)    | 24.4 (80)  | 91.4 (300)  | 121.9 (400) |                               | 4                      | 45.7 (150)  | 137.2 (450) | 243.8 (800)  | 304.8 (1000) |                               |
|       | 600 | 710  | 1.33, 2                | 12.2 (40)   | 30.5 (100) | 76.2 (250)  | 106.7 (350) | 20-750-MI1-C750D710           | 1.33, 2                | 61 (200)  | 213.4 (700) | 304.8 (1000) | 365.8 (1200) | 20-750-MI3-C750D710           |
|       |     |      | 4                      | 7.6 (25)    | 24.4 (80)  | 61.0 (200)  | 91.4 (300)  |                               | 4                      | 45.7 (150)  | 137.2 (450) | 243.8 (800)  | 304.8 (1000) |                               |
|       | 650 | 740  | 1.33, 2                | 12.2 (40)   | 30.5 (100) | 76.2 (250)  | 106.7 (350) | 20-750-MI1-C750D710           | 1.33, 2                | 61 (200)  | 213.4 (700) | 304.8 (1000) | 365.8 (1200) | 20-750-MI3-C770D740           |
|       |     |      | 4                      | 7.6 (25)    | 24.4 (80)  | 61.0 (200)  | 91.4 (300)  |                               | 4                      | 45.7 (150)  | 137.2 (450) | 243.8 (800)  | 304.8 (1000) |                               |

**Table 61 - PowerFlex 755T Drive Products, Frames 8...15, 480V Shielded/Unshielded Cable – Meters (Feet) (continued)**

| Drive |      |      | Inverter Switching kHz | No Solution |            |            |             |                               | Inverter Switching kHz | With Reactor and Damping Resistor (included in roll-in) |             |              |              |                               |
|-------|------|------|------------------------|-------------|------------|------------|-------------|-------------------------------|------------------------|---|-------------|--------------|--------------|-------------------------------|
| Frame | Hp   | Amps |                        | 1000V       | 1200V      | 1488V      | 1600V       | IGBT Power Structure Cat. No. |                        | 1000V   | 1200V       | 1488V        | 1600V        | IGBT Power Structure Cat. No. |
| 9     | 700  | 800  | 1.33, 2                | 12.2 (40)   | 30.5 (100) | 76.2 (250) | 106.7 (350) | 20-750-MI2-C460D430           | 1.33, 2                | 61 (200)  | 213.4 (700) | 304.8 (1000) | 365.8 (1200) | 20-750-MI3-C460D430           |
|       |      |      | 4                      | 7.6 (25)    | 24.4 (80)  | 61.0 (200) | 91.4 (300)  |                               | 4                      | 45.7 (150)  | 137.2 (450) | 243.8 (800)  | 304.8 (1000) |                               |
|       | 800  | 960  | 1.33, 2                | 12.2 (40)   | 30.5 (100) | 76.2 (250) | 106.7 (350) | 20-750-MI2-C540D485           | 1.33, 2                | 61 (200)  | 182.9 (600) | 304.8 (1000) | 365.8 (1200) | 20-750-MI3-C540D485           |
|       |      |      | 4                      | 7.6 (25)    | 24.4 (80)  | 61.0 (200) | 91.4 (300)  |                               | 4                      | 45.7 (150)  | 121.9 (400) | 243.8 (800)  | 304.8 (1000) |                               |
|       | 900  | 1045 | 1.33, 2                | 12.2 (40)   | 30.5 (100) | 76.2 (250) | 106.7 (350) | 20-750-MI2-C567D545           | 1.33, 2                | 61 (200)  | 182.9 (600) | 304.8 (1000) | 365.8 (1200) | 20-750-MI3-C567D545           |
|       |      |      | 4                      | 7.6 (25)    | 24.4 (80)  | 61.0 (200) | 91.4 (300)  |                               | 4                      | 45.7 (150)  | 121.9 (400) | 243.8 (800)  | 304.8 (1000) |                               |
|       | 1000 | 1135 | 1.33, 2                | 12.2 (40)   | 30.5 (100) | 76.2 (250) | 106.7 (350) | 20-750-MI2-C750D710           | 1.33, 2                | 61 (200)  | 182.9 (600) | 304.8 (1000) | 365.8 (1200) | 20-750-MI3-C750D710           |
|       |      |      | 4                      | 7.6 (25)    | 24.4 (80)  | 61.0 (200) | 91.4 (300)  |                               | 4                      | 45.7 (150)  | 121.9 (400) | 243.8 (800)  | 304.8 (1000) |                               |
|       | 1100 | 1365 | 1.33, 2                | 12.2 (40)   | 30.5 (100) | 76.2 (250) | 106.7 (350) | 20-750-MI2-C770D740           | 1.33, 2                | 61 (200)  | 182.9 (600) | 304.8 (1000) | 365.8 (1200) | 20-750-MI3-C770D740           |
|       |      |      | 4                      | 7.6 (25)    | 24.4 (80)  | 61.0 (200) | 91.4 (300)  |                               | 4                      | 45.7 (150)  | 121.9 (400) | 243.8 (800)  | 304.8 (1000) |                               |
| 10    | 1250 | 1420 | 1.33, 2                | 12.2 (40)   | 30.5 (100) | 76.2 (250) | 106.7 (350) | 20-750-MI2-C650D617           | 1.33, 2                | 61 (200)  | 182.9 (600) | 304.8 (1000) | 365.8 (1200) | 20-750-MI3-C650D617           |
|       |      |      | 4                      | 7.6 (25)    | 24.4 (80)  | 61.0 (200) | 91.4 (300)  |                               | 4                      | 45.7 (150)  | 121.9 (400) | 243.8 (800)  | 304.8 (1000) |                               |
|       | 1500 | 1655 | 1.33, 2                | 12.2 (40)   | 30.5 (100) | 76.2 (250) | 106.7 (350) | 20-750-MI2-C770D740           | 1.33, 2                | 61 (200)  | 152.4 (500) | 304.8 (1000) | 365.8 (1200) | 20-750-MI3-C770D740           |
|       |      |      | 4                      | 7.6 (25)    | 24.4 (80)  | 45.7 (150) | 76.2 (250)  |                               | 4                      | 45.7 (150)  | 121.9 (400) | 243.8 (800)  | 304.8 (1000) |                               |
|       | 1800 | 2072 | 1.33, 2                | 12.2 (40)   | 30.5 (100) | 76.2 (250) | 91.4 (300)  | 20-750-MI2-C750D710           | 1.33, 2                | 61 (200)  | 137.2 (450) | 304.8 (1000) | 365.8 (1200) | 20-750-MI3-C750D710           |
|       |      |      | 4                      | 7.6 (25)    | 24.4 (80)  | 45.7 (150) | 76.2 (250)  |                               | 4                      | 45.7 (150)  | 106.7 (350) | 243.8 (800)  | 304.8 (1000) |                               |
| 11    | 2400 | 2738 | 1.33, 2                | 12.2 (40)   | 30.5 (100) | 76.2 (250) | 91.4 (300)  | 20-750-MI2-C770D740           | 1.33, 2                | 61 (200)  | 137.2 (450) | 304.8 (1000) | 365.8 (1200) | 20-750-MI3-C770D740           |
|       |      |      | 4                      | 7.6 (25)    | 24.4 (80)  | 45.7 (150) | 76.2 (250)  |                               | 4                      | 45.7 (150)  | 106.7 (350) | 243.8 (800)  | 304.8 (1000) |                               |
| 12    | 3000 | 3404 | 1.33, 2                | 12.2 (40)   | 30.5 (100) | 76.2 (250) | 91.4 (300)  | 20-750-MI2-C770D740           | 1.33, 2                | 61 (200)  | 137.2 (450) | 304.8 (1000) | 365.8 (1200) | 20-750-MI3-C770D740           |
|       |      |      | 4                      | 7.6 (25)    | 24.4 (80)  | 45.7 (150) | 76.2 (250)  |                               | 4                      | 45.7 (150)  | 106.7 (350) | 243.8 (800)  | 304.8 (1000) |                               |
| 13    | 3575 | 4070 | 1.33, 2                | 12.2 (40)   | 30.5 (100) | 76.2 (250) | 91.4 (300)  | 20-750-MI2-C750D710           | 1.33, 2                | 61 (200)  | 137.2 (450) | 304.8 (1000) | 365.8 (1200) | 20-750-MI3-C750D710           |
|       |      |      | 4                      | 7.6 (25)    | 24.4 (80)  | 45.7 (150) | 76.2 (250)  |                               | 4                      | 45.7 (150)  | 106.7 (350) | 243.8 (800)  | 304.8 (1000) |                               |
| 14    | 4745 | 5402 | 1.33, 2                | 12.2 (40)   | 30.5 (100) | 76.2 (250) | 91.4 (300)  | 20-750-MI2-C770D740           | 1.33, 2                | 61 (200)  | 137.2 (450) | 304.8 (1000) | 365.8 (1200) | 20-750-MI3-C770D740           |
|       |      |      | 4                      | 7.6 (25)    | 24.4 (80)  | 45.7 (150) | 76.2 (250)  |                               | 4                      | 45.7 (150)  | 106.7 (350) | 243.8 (800)  | 304.8 (1000) |                               |
| 15    | 5915 | 6734 | 1.33, 2                | 12.2 (40)   | 30.5 (100) | 76.2 (250) | 91.4 (300)  | 20-750-MI2-C770D740           | 1.33, 2                | 61 (200)  | 137.2 (450) | 304.8 (1000) | 365.8 (1200) | 20-750-MI3-C770D740           |
|       |      |      | 4                      | 7.6 (25)    | 24.4 (80)  | 45.7 (150) | 76.2 (250)  |                               | 4                      | 45.7 (150)  | 106.7 (350) | 243.8 (800)  | 304.8 (1000) |                               |

**Table 62 - PowerFlex 755T Drive Products, Frames 5...7, 600V Shielded/Unshielded Cable – Meters (Feet)**

| Drive | Rating |    | No Solution |             |             | Reactor Only |              |              | Reactor and Damping Resistor or 1321-RWR |              |              | Reactor/RWR (see <a href="#">page 163</a> ) | Resistor      |          | Available Options |       |      |      |      |     |
|-------|--------|----|-------------|-------------|-------------|--------------|--------------|--------------|--|--------------|--------------|---|---------------|----------|-------------------|-------|------|------|------|-----|
|       | Frame  | HP | kHz         | 1488V       | 1850V       | 2150V        | 1488V        | 1850V        | 2150V                                    | 1488V        | 1850V        |   | 2150V         | Cat. No. | Ohms              | Watts | TFA1 | TFB2 | RWR2 | RWC |
| 5     | 10     | 2  | 24.4 (80)   | 121.9 (400) | 213.4 (700) | 24.4 (80)    | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                                | 1321-RWR12-EP |          |                   |       | •    |      |      |     |
|       |        | 4  | 24.4 (80)   | 121.9 (400) | 182.9 (600) | 24.4 (80)    | 121.9 (400)  | 182.9 (600)  | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) |   |               |          |                   |       |      |      |      |     |
|       | 15     | 2  | 24.4 (80)   | 121.9 (400) | 213.4 (700) | 36.6 (120)   | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                                | 1321-RWR18-EP |          |                   |       | •    |      |      |     |
|       |        | 4  | 24.4 (80)   | 121.9 (400) | 182.9 (600) | 36.6 (120)   | 121.9 (400)  | 182.9 (600)  | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) |   |               |          |                   |       |      |      |      |     |
|       | 20     | 2  | 24.4 (80)   | 121.9 (400) | 213.4 (700) | 36.6 (120)   | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                                | 1321-RWR25-EP |          |                   |       | •    |      |      |     |
|       |        | 4  | 24.4 (80)   | 121.9 (400) | 182.9 (600) | 36.6 (120)   | 121.9 (400)  | 182.9 (600)  | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) |   |               |          |                   |       |      |      |      |     |
|       | 25     | 2  | 24.4 (80)   | 121.9 (400) | 213.4 (700) | 45.7 (150)   | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                                | 1321-RWR35-EP |          |                   |       | •    |      |      |     |
|       |        | 4  | 24.4 (80)   | 121.9 (400) | 182.9 (600) | 45.7 (150)   | 106.7 (350)  | 182.9 (600)  | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) |   |               |          |                   |       |      |      |      |     |
|       | 30     | 2  | 24.4 (80)   | 121.9 (400) | 213.4 (700) | 45.7 (150)   | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                                | 1321-RWR35-EP |          |                   |       | •    |      |      |     |
|       |        | 4  | 24.4 (80)   | 121.9 (400) | 182.9 (600) | 45.7 (150)   | 106.7 (350)  | 182.9 (600)  | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200) |   |               |          |                   |       |      |      |      |     |
|       | 40     | 2  | 24.4 (80)   | 137.2 (450) | 213.4 (700) | 45.7 (150)   | 365.8 (1200) | 365.8 (1200) | 304.8 (1000)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                                | 1321-RWR45-EP |          |                   |       | •    |      |      |     |
|       |        | 4  | 24.4 (80)   | 106.7 (350) | 182.9 (600) | 45.7 (150)   | 106.7 (350)  | 182.9 (600)  | 304.8 (1000)                             | 365.8 (1200) | 365.8 (1200) |   |               |          |                   |       |      |      |      |     |
|       | 50     | 2  | 24.4 (80)   | 137.2 (450) | 213.4 (700) | 45.7 (150)   | 304.8 (1000) | 304.8 (1000) | 304.8 (1000)                             | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                                | 1321-RWR55-EP |          |                   |       | •    |      |      |     |
|       |        | 4  | 24.4 (80)   | 106.7 (350) | 182.9 (600) | 45.7 (150)   | 91.4 (300)   | 182.9 (600)  | 304.8 (1000)                             | 365.8 (1200) | 365.8 (1200) |   |               |          |                   |       |      |      |      |     |

**Table 62 - PowerFlex 755T Drive Products, Frames 5...7, 600V Shielded/Unshielded Cable – Meters (Feet)**

| Drive | Rating |           | No Solution |             |             | Reactor Only |              |              | Reactor and Damping Resistor or 1321-RWR |              |                | Reactor/RWR (see page 163) | Resistor |       | Available Options |      |      |     |
|-------|--------|-----------|-------------|-------------|-------------|--------------|--------------|--------------|--|--------------|----------------|----------------------------|----------|-------|-------------------|------|------|-----|
| Frame | HP     | kHz       | 1488V       | 1850V       | 2150V       | 1488V        | 1850V        | 2150V        | 1488V                                    | 1850V        | 2150V          | Cat. No.                   | Ohms     | Watts | TFA1              | TFB2 | RWR2 | RWC |
| 6     | 10     | 2         | 24.4 (80)   | 121.9 (400) | 213.4 (700) | 24.4 (80)    | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200)   | 1321-RWR12-EP              |          |       |                   | •    |      |     |
|       |        | 4         | 24.4 (80)   | 121.9 (400) | 182.9 (600) | 24.4 (80)    | 106.7 (350)  | 182.9 (600)  | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200)   |                            |          |       |                   |      |      |     |
|       | 15     | 2         | 24.4 (80)   | 121.9 (400) | 213.4 (700) | 36.6 (120)   | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200)   | 1321-RWR18-EP              |          |       |                   | •    |      |     |
|       |        | 4         | 24.4 (80)   | 121.9 (400) | 182.9 (600) | 36.6 (120)   | 106.7 (350)  | 182.9 (600)  | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200)   |                            |          |       |                   |      |      |     |
|       | 20     | 2         | 24.4 (80)   | 121.9 (400) | 213.4 (700) | 36.6 (120)   | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200)   | 1321-RWR25-EP              |          |       |                   | •    |      |     |
|       |        | 4         | 24.4 (80)   | 121.9 (400) | 182.9 (600) | 36.6 (120)   | 106.7 (350)  | 182.9 (600)  | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200)   |                            |          |       |                   |      |      |     |
|       | 25     | 2         | 24.4 (80)   | 121.9 (400) | 213.4 (700) | 45.7 (150)   | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200)   | 1321-RWR35-EP              |          |       |                   | •    |      |     |
|       |        | 4         | 24.4 (80)   | 121.9 (400) | 182.9 (600) | 45.7 (150)   | 106.7 (350)  | 182.9 (600)  | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200)   |                            |          |       |                   |      |      |     |
|       | 30     | 2         | 24.4 (80)   | 121.9 (400) | 213.4 (700) | 45.7 (150)   | 365.8 (1200) | 365.8 (1200) | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200)   | 1321-RWR35-EP              |          |       |                   | •    |      |     |
|       |        | 4         | 24.4 (80)   | 121.9 (400) | 182.9 (600) | 45.7 (150)   | 106.7 (350)  | 182.9 (600)  | 365.8 (1200)                             | 365.8 (1200) | 365.8 (1200)   |                            |          |       |                   |      |      |     |
|       | 40     | 2         | 24.4 (80)   | 137.2 (450) | 213.4 (700) | 45.7 (150)   | 365.8 (1200) | 365.8 (1200) | 304.8 (1000)                             | 365.8 (1200) | 365.8 (1200)   | 1321-RWR45-EP              |          |       |                   | •    |      |     |
|       |        | 4         | 24.4 (80)   | 106.7 (350) | 182.9 (600) | 45.7 (150)   | 106.7 (350)  | 182.9 (600)  | 304.8 (1000)                             | 365.8 (1200) | 365.8 (1200)   |                            |          |       |                   |      |      |     |
|       | 50     | 2         | 24.4 (80)   | 137.2 (450) | 213.4 (700) | 45.7 (150)   | 304.8 (1000) | 304.8 (1000) | 304.8 (1000)                             | 365.8 (1200) | 365.8 (1200)   | 1321-RWR55-EP              |          |       |                   | •    |      |     |
|       |        | 4         | 24.4 (80)   | 106.7 (350) | 182.9 (600) | 45.7 (150)   | 91.4 (300)   | 182.9 (600)  | 304.8 (1000)                             | 365.8 (1200) | 365.8 (1200)   |                            |          |       |                   |      |      |     |
|       | 60     | 2         | 24.4 (80)   | 137.2 (450) | 213.4 (700) | 45.7 (150)   | 304.8 (1000) | 304.8 (1000) | 304.8 (1000)                             | 365.8 (1200) | 365.8 (1200)   | 1321-RWR80-EP              |          |       |                   | •    |      |     |
|       |        | 4         | 24.4 (80)   | 106.7 (350) | 182.9 (600) | 45.7 (150)   | 91.4 (300)   | 182.9 (600)  | 304.8 (1000)                             | 365.8 (1200) | 365.8 (1200)   |                            |          |       |                   |      |      |     |
|       | 75     | 2         | 24.4 (80)   | 137.2 (450) | 213.4 (700) | 45.7 (150)   | 274.3 (900)  | 274.3 (900)  | 243.8 (800)                              | 365.8 (1200) | 365.8 (1200)   | 1321-RWR80-EP              |          |       |                   | •    |      |     |
|       |        | 4         | 24.4 (80)   | 106.7 (350) | 182.9 (600) | 45.7 (150)   | 91.4 (300)   | 182.9 (600)  | 243.8 (800)                              | 365.8 (1200) | 365.8 (1200)   |                            |          |       |                   |      |      |     |
|       | 100    | 2         | 24.4 (80)   | 137.2 (450) | 213.4 (700) | 45.7 (150)   | 243.8 (800)  | 243.8 (800)  | 243.8 (800)                              | 365.8 (1200) | 365.8 (1200)   | 1321-RWR100-EP             |          |       |                   | •    |      |     |
|       |        | 4         | 24.4 (80)   | 106.7 (350) | 182.9 (600) | 45.7 (150)   | 91.4 (300)   | 182.9 (600)  | 243.8 (800)                              | 365.8 (1200) | 365.8 (1200)   |                            |          |       |                   |      |      |     |
| 125   | 2      | 24.4 (80) | 137.2 (450) | 213.4 (700) | 61.0 (200)  | 243.8 (800)  | 243.8 (800)  | 198.1 (650)  | 365.8 (1200)                             | 365.8 (1200) | 1321-RWR130-EP |                            |          |       | •                 |      |      |     |
|       | 4      | 24.4 (80) | 106.7 (350) | 182.9 (600) | 61.0 (200)  | 121.9 (400)  | 182.9 (600)  | 152.4 (500)  | 274.3 (900)                              | 274.3 (900)  |                |                            |          |       |                   |      |      |     |
| 150   | 2      | 24.4 (80) | 137.2 (450) | 213.4 (700) | 61.0 (200)  | 243.8 (800)  | 243.8 (800)  | 198.1 (650)  | 365.8 (1200)                             | 365.8 (1200) | 1321-RWR160-EP |                            |          |       | •                 |      |      |     |
|       | 4      | 24.4 (80) | 106.7 (350) | 182.9 (600) | 61.0 (200)  | 121.9 (400)  | 182.9 (600)  | 152.4 (500)  | 274.3 (900)                              | 274.3 (900)  |                |                            |          |       |                   |      |      |     |

**Table 62 - PowerFlex 755T Drive Products, Frames 5...7, 600V Shielded/Unshielded Cable – Meters (Feet)**

| Drive | Rating |         | No Solution |             |             | Reactor Only |             |             | Reactor and Damping Resistor or 1321-RWR |              |              | Reactor/RWR (see page 163) | Resistor |                     | Available Options |      |      |     |  |
|-------|--------|---------|-------------|-------------|-------------|--------------|-------------|-------------|--|--------------|--------------|----------------------------|----------|---------------------|-------------------|------|------|-----|--|
| Frame | HP     | kHz     | 1488V       | 1850V       | 2150V       | 1488V        | 1850V       | 2150V       | 1488V                                    | 1850V        | 2150V        | Cat. No.                   | Ohms     | Watts               | TFA1              | TFB2 | RWR2 | RWC |  |
| 7     | 200    | 1.33, 2 | 24.4 (80)   | 137.2 (450) | 213.4 (700) | 61.0 (200)   | 243.8 (800) | 243.8 (800) | 167.6 (550)                              | 365.8 (1200) | 365.8 (1200) | 1321-RWR200-EP             |          |                     |                   | •    |      |     |  |
|       |        | 4       | 24.4 (80)   | 106.7 (350) | 182.9 (600) | 61.0 (200)   | 121.9 (400) | 182.9 (600) | 121.9 (400)                              | 198.1 (650)  | 198.1 (650)  |                            |          |                     |                   |      |      |     |  |
|       | 250    | 1.33, 2 | 24.4 (80)   | 137.2 (450) | 182.9 (600) | 61.0 (200)   | 198.1 (650) | 198.1 (650) | 167.6 (550)                              | 365.8 (1200) | 365.8 (1200) | 1321-RWR250-EP             |          |                     |                   | •    |      |     |  |
|       |        | 4       | 24.4 (80)   | 106.7 (350) | 182.9 (600) | 61.0 (200)   | 121.9 (400) | 182.9 (600) | 121.9 (400)                              | 198.1 (650)  | 198.1 (650)  |                            |          |                     |                   |      |      |     |  |
|       | 300    | 1.33, 2 | 24.4 (80)   | 137.2 (450) | 182.9 (600) | 61.0 (200)   | 152.4 (500) | 182.9 (600) | 167.6 (550)                              | 365.8 (1200) | 365.8 (1200) | 1321-3RB350-B              | 50       | 315                 |                   | •    |      |     |  |
|       |        | 4       | 24.4 (80)   | 106.7 (350) | 182.9 (600) | 61.0 (200)   | 121.9 (400) | 182.9 (600) | 121.9 (400)                              | 198.1 (650)  | 198.1 (650)  |                            | 50       | 630                 |                   |      |      |     |  |
|       | 350    | 1.33, 2 | 24.4 (80)   | 91.4 (300)  | 152.4 (500) | 61.0 (200)   | 152.4 (500) | 152.4 (500) | 167.6 (550)                              | 365.8 (1200) | 365.8 (1200) | 1321-3RB400-B              | 20       | 585 <sup>(1)</sup>  |                   | •    |      |     |  |
|       |        | 4       | 24.4 (80)   | 91.4 (300)  | 152.4 (500) | 61.0 (200)   | 121.9 (400) | 152.4 (500) | 121.9 (400)                              | 213.4 (700)  | 213.4 (700)  |                            | 20       | 1170 <sup>(2)</sup> |                   |      |      |     |  |
|       | 400    | 1.33, 2 | 24.4 (80)   | 91.4 (300)  | 152.4 (500) | 61.0 (200)   | 152.4 (500) | 152.4 (500) | 167.6 (550)                              | 365.8 (1200) | 365.8 (1200) | 1321-3R500-B               | 20       | 585 <sup>(2)</sup>  |                   | •    |      |     |  |
|       |        | 4       | 24.4 (80)   | 91.4 (300)  | 152.4 (500) | 61.0 (200)   | 121.9 (400) | 152.4 (500) | 121.9 (400)                              | 213.4 (700)  | 213.4 (700)  |                            | 20       | 1170 <sup>(2)</sup> |                   |      |      |     |  |

(1) Resistor specification is based on two parallel cables per phase.

**Table 63 - PowerFlex 755T Drive Products, Frames 8...15, 600V Shielded/Unshielded Cable – Meters (Feet)**

| Drive |      |      | Inverter Switching kHz | No Solution |             |                               | Inverter Switching kHz | With Reactor and Damping Resistor (included in roll-in) |              |                               |
|-------|------|------|------------------------|-------------|-------------|-------------------------------|------------------------|---|--------------|-------------------------------|
| Frame | Hp   | Amps |                        | 1488V       | 1850V       | IGBT Power Structure Cat. No. |                        | 1488V   | 1850V        | IGBT Power Structure Cat. No. |
| 8     | 250  | 242  | 1.33, 2                | 24.4 (80)   | 137.2 (450) | 20-750-MI1-E242F215           | 1.33, 2                | 167.6 (550)   | 365.8 (1200) | 20-750-MI3-E242F215           |
|       |      |      | 4                      | 24.4 (80)   | 106.7 (350) |                               | 4                      | 121.9 (400)   | 198.1 (650)  |                               |
|       | 300  | 295  | 1.33, 2                | 24.4 (80)   | 137.2 (450) | 20-750-MI1-E295F265           | 1.33, 2                | 167.6 (550)   | 365.8 (1200) | 20-750-MI3-E295F265           |
|       |      |      | 4                      | 24.4 (80)   | 106.7 (350) |                               | 4                      | 121.9 (400)   | 198.1 (650)  |                               |
|       | 350  | 355  | 1.33, 2                | 24.4 (80)   | 91.4 (300)  | 20-750-MI1-E355F330           | 1.33, 2                | 167.6 (550)   | 365.8 (1200) | 20-750-MI3-E355F330           |
|       |      |      | 4                      | 24.4 (80)   | 91.4 (300)  |                               | 4                      | 121.9 (400)   | 213.4 (700)  |                               |
|       | 400  | 395  | 1.33, 2                | 24.4 (80)   | 91.4 (300)  | 20-750-MI1-E385F385           | 1.33, 2                | 167.6 (550)   | 365.8 (1200) | 20-750-MI3-E385F385           |
|       |      |      | 4                      | 24.4 (80)   | 91.4 (300)  |                               | 4                      | 121.9 (400)   | 213.4 (700)  |                               |
|       | 450  | 435  | 1.33, 2                | 24.4 (80)   | 91.4 (300)  | 20-750-MI1-E435F415           | 1.33, 2                | 167.6 (550)   | 365.8 (1200) | 20-750-MI3-E435F415           |
|       |      |      | 4                      | 24.4 (80)   | 91.4 (300)  |                               | 4                      | 121.9 (400)   | 213.4 (700)  |                               |
|       | 550  | 545  | 1.33, 2                | 24.4 (80)   | 91.4 (300)  | 20-750-MI1-E543F500           | 1.33, 2                | 167.6 (550)   | 365.8 (1200) | 20-750-MI3-E543F500           |
|       |      |      | 4                      | 24.4 (80)   | 91.4 (300)  |                               | 4                      | 121.9 (400)   | 213.4 (700)  |                               |
| 9     | 600  | 580  | 1.33, 2                | 24.4 (80)   | 91.4 (300)  | 20-750-MI2-E385F385           | 1.33, 2                | 152.4 (500)   | 365.8 (1200) | 20-750-MI3-E385F385           |
|       |      |      | 4                      | 24.4 (80)   | 91.4 (300)  |                               | 4                      | 121.9 (400)   | 213.4 (700)  |                               |
|       | 700  | 690  | 1.33, 2                | 24.4 (80)   | 91.4 (300)  | 20-750-MI2-E385F385           | 1.33, 2                | 152.4 (500)   | 365.8 (1200) | 20-750-MI3E385F385            |
|       |      |      | 4                      | 24.4 (80)   | 91.4 (300)  |                               | 4                      | 121.9 (400)   | 213.4 (700)  |                               |
|       | 800  | 760  | 1.33, 2                | 24.4 (80)   | 91.4 (300)  | 20-750-MI2-E385F385           | 1.33, 2                | 152.4 (500)   | 365.8 (1200) | 20-750-MI3-E385F385           |
|       |      |      | 4                      | 24.4 (80)   | 91.4 (300)  |                               | 4                      | 121.9 (400)   | 213.4 (700)  |                               |
|       | 900  | 825  | 1.33, 2                | 24.4 (80)   | 91.4 (300)  | 20-750-MI2-E543F500           | 1.33, 2                | 152.4 (500)   | 365.8 (1200) | 20-750-MI3-E543F500           |
|       |      |      | 4                      | 24.4 (80)   | 91.4 (300)  |                               | 4                      | 121.9 (400)   | 213.4 (700)  |                               |
|       | 1000 | 980  | 1.33, 2                | 24.4 (80)   | 91.4 (300)  | 20-750-MI2-E543F500           | 1.33, 2                | 152.4 (500)   | 365.8 (1200) | 20-750-MI3-E543F500           |
|       |      |      | 4                      | 24.4 (80)   | 91.4 (300)  |                               | 4                      | 121.9 (400)   | 213.4 (700)  |                               |

**Table 63 - PowerFlex 755T Drive Products, Frames 8...15, 600V Shielded/Unshielded Cable – Meters (Feet) (continued)**

| Drive |      |      | Inverter Switching kHz | No Solution |            |                               | Inverter Switching kHz | With Reactor and Damping Resistor (included in roll-in) |              |                               |
|-------|------|------|------------------------|-------------|------------|-------------------------------|------------------------|---|--------------|-------------------------------|
| Frame | Hp   | Amps |                        | 1488V       | 1850V      | IGBT Power Structure Cat. No. |                        | 1488V   | 1850V        | IGBT Power Structure Cat. No. |
| 10    | 1100 | 1045 | 1.33, 2                | 24.4 (80)   | 91.4 (300) | 20-750-MI2-E543F500           | 1.33, 2                | 137.2 (450)   | 365.8 (1200) | 20-750-MI3-E543F500           |
|       |      |      | 4                      | 24.4 (80)   | 53.3 (175) |                               | 4                      | 106.7 (350)   | 213.4 (700)  |                               |
|       | 1250 | 1220 | 1.33, 2                | 24.4 (80)   | 91.4 (300) | 20-750-MI2-E543F500           | 1.33, 2                | 137.2 (450)   | 365.8 (1200) | 20-750-MI3-E543F500           |
|       |      |      | 4                      | 24.4 (80)   | 91.4 (300) |                               | 4                      | 106.7 (350)   | 213.4 (700)  |                               |
|       | 1500 | 1430 | 1.33, 2                | 24.4 (80)   | 91.4 (300) | 20-750-MI2-E543F500           | 1.33, 2                | 137.2 (450)   | 365.8 (1200) | 20-750-MI3-E543F500           |
|       |      |      | 4                      | 24.4 (80)   | 53.3 (175) |                               | 4                      | 106.7 (350)   | 213.4 (700)  |                               |
| 11    | 2000 | 1946 | 1.33, 2                | 24.4 (80)   | 91.4 (300) | 20-750-MI2-E543F500           | 1.33, 2                | 137.2 (450)   | 365.8 (1200) | 20-750-MI3-E543F500           |
|       |      |      | 4                      | 24.4 (80)   | 91.4 (300) |                               | 4                      | 106.7 (350)   | 213.4 (700)  |                               |
| 12    | 2500 | 2420 | 1.33, 2                | 24.4 (80)   | 91.4 (300) | 20-750-MI2-E543F500           | 1.33, 2                | 137.2 (450)   | 365.8 (1200) | 20-750-MI3-E543F500           |
|       |      |      | 4                      | 24.4 (80)   | 91.4 (300) |                               | 4                      | 106.7 (350)   | 213.4 (700)  |                               |
| 13    | 3025 | 2998 | 1.33, 2                | 24.4 (80)   | 91.4 (300) | 20-750-MI2-E543F500           | 1.33, 2                | 137.2 (450)   | 365.8 (1200) | 20-750-MI3-E543F500           |
|       |      |      | 4                      | 24.4 (80)   | 53.3 (175) |                               | 4                      | 106.7 (350)   | 213.4 (700)  |                               |
| 14    | 4015 | 3979 | 1.33, 2                | 24.4 (80)   | 91.4 (300) | 20-750-MI2-E543F500           | 1.33, 2                | 137.2 (450)   | 365.8 (1200) | 20-750-MI3-E543F500           |
|       |      |      | 4                      | 24.4 (80)   | 91.4 (300) |                               | 4                      | 106.7 (350)   | 213.4 (700)  |                               |
| 15    | 5005 | 4960 | 1.33, 2                | 24.4 (80)   | 91.4 (300) | 20-750-MI2-E543F500           | 1.33, 2                | 137.2 (450)   | 365.8 (1200) | 20-750-MI3-E543F500           |
|       |      |      | 4                      | 24.4 (80)   | 91.4 (300) |                               | 4                      | 106.7 (350)   | 213.4 (700)  |                               |

**Table 64 - PowerFlex 753 and 755 Wall Mount Drives, Frames 5...7, 690V Shielded/Unshielded Cable – Meters (Feet)**

| Drive | Rating |              | No Solution   |               |               | Reactor Only   |                |                 | Reactor and Damping Resistor |                 |                 | Reactor      | Resistor |          | Available Options |       |      |      |      |     |
|-------|--------|--------------|---------------|---------------|---------------|----------------|----------------|-----------------|------------------------------|-----------------|-----------------|--------------|----------|----------|-------------------|-------|------|------|------|-----|
|       | Frame  | kW           | kHz           | 1488V         | 1850V         | 2150V          | 1488V          | 1850V           | 2150V                        | 1488V           | 1850V           |              | 2150V    | Cat. No. | Ohms              | Watts | TFA1 | TFB2 | RWR2 | RWC |
| 5     | 11     | 2            | 24.4<br>(80)  | 36.6<br>(120) | 48.8<br>(160) | 30.5<br>(100)  | 45.7<br>(150)  | 48.8<br>(160)   | 365.8<br>(1200)              | 365.8<br>(1200) | 365.8<br>(1200) | 1321-3R25-C  | 50       | 375      |                   |       |      |      |      |     |
|       |        | 4            | 24.4<br>(80)  | 36.6<br>(120) | 48.8<br>(160) | 30.5<br>(100)  | 45.7<br>(150)  | 48.8<br>(160)   | 365.8<br>(1200)              | 365.8<br>(1200) | 365.8<br>(1200) |              | 50       | 750      |                   |       |      |      |      |     |
|       | 15     | 2            | 24.4<br>(80)  | 36.6<br>(120) | 48.8<br>(160) | 30.5<br>(100)  | 45.7<br>(150)  | 48.8<br>(160)   | 365.8<br>(1200)              | 365.8<br>(1200) | 365.8<br>(1200) | 1321-3R35-C  | 50       | 375      |                   |       |      |      |      |     |
|       |        | 4            | 24.4<br>(80)  | 36.6<br>(120) | 48.8<br>(160) | 30.5<br>(100)  | 45.7<br>(150)  | 48.8<br>(160)   | 365.8<br>(1200)              | 365.8<br>(1200) | 365.8<br>(1200) |              | 50       | 750      |                   |       |      |      |      |     |
|       | 18.5   | 2            | 24.4<br>(80)  | 36.6<br>(120) | 48.8<br>(160) | 30.5<br>(100)  | 45.7<br>(150)  | 48.8<br>(160)   | 365.8<br>(1200)              | 365.8<br>(1200) | 365.8<br>(1200) | 1321-3R35-C  | 50       | 375      |                   |       |      |      |      |     |
|       |        | 4            | 24.4<br>(80)  | 36.6<br>(120) | 48.8<br>(160) | 30.5<br>(100)  | 45.7<br>(150)  | 48.8<br>(160)   | 365.8<br>(1200)              | 365.8<br>(1200) | 365.8<br>(1200) |              | 50       | 750      |                   |       |      |      |      |     |
|       | 22     | 2            | 24.4<br>(80)  | 36.6<br>(120) | 48.8<br>(160) | 30.5<br>(100)  | 45.7<br>(150)  | 48.8<br>(160)   | 365.8<br>(1200)              | 365.8<br>(1200) | 365.8<br>(1200) | 1321-3R45-C  | 50       | 375      |                   |       |      |      |      |     |
|       |        | 4            | 24.4<br>(80)  | 36.6<br>(120) | 48.8<br>(160) | 30.5<br>(100)  | 45.7<br>(150)  | 48.8<br>(160)   | 365.8<br>(1200)              | 365.8<br>(1200) | 365.8<br>(1200) |              | 50       | 750      |                   |       |      |      |      |     |
|       | 30     | 2            | 24.4<br>(80)  | 36.6<br>(120) | 48.8<br>(160) | 45.7<br>(150)  | 76.2<br>(250)  | 76.2<br>(250)   | 365.8<br>(1200)              | 365.8<br>(1200) | 365.8<br>(1200) | 1321-3R45-C  | 50       | 375      |                   |       |      |      |      |     |
|       |        | 4            | 24.4<br>(80)  | 36.6<br>(120) | 48.8<br>(160) | 45.7<br>(150)  | 61.0<br>(200)  | 61.0<br>(200)   | 365.8<br>(1200)              | 365.8<br>(1200) | 365.8<br>(1200) |              | 50       | 750      |                   |       |      |      |      |     |
|       | 37     | 2            | 24.4<br>(80)  | 45.7<br>(150) | 61.0<br>(200) | 61.0<br>(200)  | 106.7<br>(350) | 106.7<br>(350)  | 365.8<br>(1200)              | 365.8<br>(1200) | 365.8<br>(1200) | 1321-3R55-C  | 50       | 375      |                   |       |      |      |      |     |
|       |        | 4            | 24.4<br>(80)  | 45.7<br>(150) | 61.0<br>(200) | 61.0<br>(200)  | 76.2<br>(250)  | 76.2<br>(250)   | 304.8<br>(1000)              | 365.8<br>(1200) | 365.8<br>(1200) |              | 50       | 750      |                   |       |      |      |      |     |
| 45    | 2      | 24.4<br>(80) | 45.7<br>(150) | 61.0<br>(200) | 61.0<br>(200) | 106.7<br>(350) | 106.7<br>(350) | 365.8<br>(1200) | 365.8<br>(1200)              | 365.8<br>(1200) | 1321-3R80-C     | 50           | 375      |          |                   |       |      |      |      |     |
|       | 4      | 24.4<br>(80) | 45.7<br>(150) | 61.0<br>(200) | 61.0<br>(200) | 76.2<br>(250)  | 76.2<br>(250)  | 304.8<br>(1000) | 365.8<br>(1200)              | 365.8<br>(1200) |                 | 50           | 750      |          |                   |       |      |      |      |     |
| 55    | 2      | 24.4<br>(80) | 45.7<br>(150) | 61.0<br>(200) | 61.0<br>(200) | 106.7<br>(350) | 106.7<br>(350) | 365.8<br>(1200) | 365.8<br>(1200)              | 365.8<br>(1200) | 1321-3R80-C     | 50           | 375      |          |                   |       |      |      |      |     |
|       | 4      | 24.4<br>(80) | 45.7<br>(150) | 61.0<br>(200) | 61.0<br>(200) | 76.2<br>(250)  | 76.2<br>(250)  | 304.8<br>(1000) | 365.8<br>(1200)              | 365.8<br>(1200) |                 | 50           | 750      |          |                   |       |      |      |      |     |
| 6     | 75     | 2            | 24.4<br>(80)  | 45.7<br>(150) | 61.0<br>(200) | 61.0<br>(200)  | 106.7<br>(350) | 106.7<br>(350)  | 365.8<br>(1200)              | 365.8<br>(1200) | 365.8<br>(1200) | 1321-3R100-C | 50       | 375      |                   |       |      |      |      |     |
|       |        | 4            | 24.4<br>(80)  | 45.7<br>(150) | 61.0<br>(200) | 61.0<br>(200)  | 76.2<br>(250)  | 76.2<br>(250)   | 304.8<br>(1000)              | 365.8<br>(1200) | 365.8<br>(1200) |              | 50       | 750      |                   |       |      |      |      |     |
|       | 90     | 2            | 24.4<br>(80)  | 45.7<br>(150) | 61.0<br>(200) | 76.2<br>(250)  | 121.9<br>(400) | 121.9<br>(400)  | 243.8<br>(800)               | 274.3<br>(900)  | 274.3<br>(900)  | 1321-3R130-C | 50       | 375      |                   |       |      |      |      |     |
|       |        | 4            | 24.4<br>(80)  | 45.7<br>(150) | 61.0<br>(200) | 76.2<br>(250)  | 106.7<br>(350) | 106.7<br>(350)  | 182.9<br>(600)               | 213.4<br>(700)  | 213.4<br>(700)  |              | 50       | 750      |                   |       |      |      |      |     |
|       | 110    | 2            | 24.4<br>(80)  | 45.7<br>(150) | 61.0<br>(200) | 76.2<br>(250)  | 121.9<br>(400) | 121.9<br>(400)  | 243.8<br>(800)               | 274.3<br>(900)  | 274.3<br>(900)  | 1321-3R160-C | 50       | 375      |                   |       |      |      |      |     |
|       |        | 4            | 24.4<br>(80)  | 45.7<br>(150) | 61.0<br>(200) | 76.2<br>(250)  | 106.7<br>(350) | 106.7<br>(350)  | 182.9<br>(600)               | 213.4<br>(700)  | 213.4<br>(700)  |              | 50       | 750      |                   |       |      |      |      |     |
|       | 132    | 2            | 24.4<br>(80)  | 45.7<br>(150) | 61.0<br>(200) | 76.2<br>(250)  | 121.9<br>(400) | 121.9<br>(400)  | 243.8<br>(800)               | 274.3<br>(900)  | 274.3<br>(900)  | 1321-3R200-C | 50       | 375      |                   |       |      |      |      |     |
|       |        | 4            | 24.4<br>(80)  | 45.7<br>(150) | 61.0<br>(200) | 76.2<br>(250)  | 106.7<br>(350) | 106.7<br>(350)  | 182.9<br>(600)               | 213.4<br>(700)  | 213.4<br>(700)  |              | 50       | 750      |                   |       |      |      |      |     |

**Table 64 - PowerFlex 753 and 755 Wall Mount Drives, Frames 5...7, 690V Shielded/Unshielded Cable – Meters (Feet)**

| Drive | Rating |         | No Solution |            |            | Reactor Only |             |             | Reactor and Damping Resistor |             |             | Reactor       | Resistor |                     | Available Options |      |      |     |
|-------|--------|---------|-------------|------------|------------|--------------|-------------|-------------|------------------------------|-------------|-------------|---------------|----------|---------------------|-------------------|------|------|-----|
| Frame | kW     | kHz     | 1488V       | 1850V      | 2150V      | 1488V        | 1850V       | 2150V       | 1488V                        | 1850V       | 2150V       | Cat. No.      | Ohms     | Watts               | TFA1              | TFB2 | RWR2 | RWC |
| 7     | 160    | 1.33, 2 | 24.4 (80)   | 45.7 (150) | 61.0 (200) | 91.4 (300)   | 121.9 (400) | 121.9 (400) | 182.9 (600)                  | 243.8 (800) | 243.8 (800) | 1321-3R200-C  | 50       | 375                 |                   |      |      |     |
|       |        | 4       | 24.4 (80)   | 45.7 (150) | 61.0 (200) | 91.4 (300)   | 106.7 (350) | 106.7 (350) | 152.4 (500)                  | 182.9 (600) | 182.9 (600) |               | 50       | 750                 |                   |      |      |     |
|       | 200    | 1.33, 2 | 24.4 (80)   | 45.7 (150) | 61.0 (200) | 91.4 (300)   | 121.9 (400) | 121.9 (400) | 182.9 (600)                  | 243.8 (800) | 243.8 (800) | 1321-3RB250-C | 50       | 480                 |                   |      |      |     |
|       |        | 4       | 24.4 (80)   | 45.7 (150) | 61.0 (200) | 91.4 (300)   | 106.7 (350) | 106.7 (350) | 152.4 (500)                  | 182.9 (600) | 182.9 (600) |               | 50       | 960                 |                   |      |      |     |
|       | 250    | 1.33, 2 | 24.4 (80)   | 45.7 (150) | 61.0 (200) | 91.4 (300)   | 121.9 (400) | 121.9 (400) | 182.9 (600)                  | 243.8 (800) | 243.8 (800) | 1321-3RB320-C | 50       | 480                 |                   |      |      |     |
|       |        | 4       | 24.4 (80)   | 45.7 (150) | 61.0 (200) | 91.4 (300)   | 106.7 (350) | 106.7 (350) | 152.4 (500)                  | 182.9 (600) | 182.9 (600) |               | 50       | 960                 |                   |      |      |     |
|       | 315    | 1.33, 2 | 24.4 (80)   | 45.7 (150) | 61.0 (200) | 91.4 (300)   | 121.9 (400) | 121.9 (400) | 182.9 (600)                  | 243.8 (800) | 243.8 (800) | 1321-3RB400-C | 50       | 480                 |                   |      |      |     |
|       |        | 4       | 24.4 (80)   | 45.7 (150) | 61.0 (200) | 91.4 (300)   | 106.7 (350) | 106.7 (350) | 152.4 (500)                  | 182.9 (600) | 182.9 (600) |               | 50       | 960                 |                   |      |      |     |
|       | 355    | 1.33, 2 | 24.4 (80)   | 45.7 (150) | 61.0 (200) | 91.4 (300)   | 121.9 (400) | 121.9 (400) | 182.9 (600)                  | 243.8 (800) | 243.8 (800) | 1321-3R500-C  | 20       | 960 <sup>(1)</sup>  |                   |      |      |     |
|       |        | 4       | 24.4 (80)   | 45.7 (150) | 61.0 (200) | 91.4 (300)   | 106.7 (350) | 106.7 (350) | 152.4 (500)                  | 182.9 (600) | 182.9 (600) |               | 20       | 1920 <sup>(2)</sup> |                   |      |      |     |

(1) Resistor specification is based on two parallel cables per phase.

**Table 65 - PowerFlex 755T Drive Products, Frames 8...15, 690V Shielded/Unshielded Cable – Meters (Feet)**

| Drive |     |      | Inverter Switching kHz | No Solution |            |                               | Inverter Switching kHz | With Reactor and Damping Resistor (included in roll-in) |             |                               |
|-------|-----|------|------------------------|-------------|------------|-------------------------------|------------------------|---|-------------|-------------------------------|
| Frame | kW  | Amps |                        | 1488V       | 1850V      | IGBT Power Structure Cat. No. |                        | 1488V   | 1850V       | IGBT Power Structure Cat. No. |
| 8     | 200 | 215  | 1.33, 2                | 24.4 (80)   | 45.7 (150) | 20-750-MI1-E242F215           | 1.33, 2                | 182.9 (600)   | 243.8 (800) | 20-750-MI3-E242F215           |
|       |     |      | 4                      | 24.4 (80)   | 45.7 (150) |                               | 4                      | 152.4 (500)   | 182.9 (600) |                               |
|       | 250 | 265  | 1.33, 2                | 24.4 (80)   | 45.7 (150) | 20-750-MI1-E295F265           | 1.33, 2                | 182.9 (600)   | 243.8 (800) | 20-750-MI3-E295F265           |
|       |     |      | 4                      | 24.4 (80)   | 45.7 (150) |                               | 4                      | 152.4 (500)   | 182.9 (600) |                               |
|       | 315 | 330  | 1.33, 2                | 24.4 (80)   | 45.7 (150) | 20-750-MI1-E355F330           | 1.33, 2                | 182.9 (600)   | 243.8 (800) | 20-750-MI3-E355F330           |
|       |     |      | 4                      | 24.4 (80)   | 45.7 (150) |                               | 4                      | 152.4 (500)   | 182.9 (600) |                               |
|       | 355 | 370  | 1.33, 2                | 24.4 (80)   | 45.7 (150) | 20-750-MI1-E385F385           | 1.33, 2                | 182.9 (600)   | 243.8 (800) | 20-750-MI3-E385F385           |
|       |     |      | 4                      | 24.4 (80)   | 45.7 (150) |                               | 4                      | 152.4 (500)   | 182.9 (600) |                               |
|       | 400 | 415  | 1.33, 2                | 24.4 (80)   | 45.7 (150) | 20-750-MI1-E435F415           | 1.33, 2                | 182.9 (600)   | 243.8 (800) | 20-750-MI3-E435F415           |
|       |     |      | 4                      | 24.4 (80)   | 45.7 (150) |                               | 4                      | 152.4 (500)   | 182.9 (600) |                               |
|       | 500 | 505  | 1.33, 2                | 24.4 (80)   | 45.7 (150) | 20-750-MI1-E543F500           | 1.33, 2                | 182.9 (600)   | 243.8 (800) | 20-750-MI3-E543F500           |
|       |     |      | 4                      | 24.4 (80)   | 45.7 (150) |                               | 4                      | 152.4 (500)   | 182.9 (600) |                               |

**Table 65 - PowerFlex 755T Drive Products, Frames 8...15, 690V Shielded/Unshielded Cable – Meters (Feet) (continued)**

| Drive |      |      | Inverter Switching kHz | No Solution |            |                               | Inverter Switching kHz | With Reactor and Damping Resistor (included in roll-in) |             |                               |
|-------|------|------|------------------------|-------------|------------|-------------------------------|------------------------|---|-------------|-------------------------------|
| Frame | kW   | Amps |                        | 1488V       | 1850V      | IGBT Power Structure Cat. No. |                        | 1488V   | 1850V       | IGBT Power Structure Cat. No. |
| 9     | 560  | 565  | 1.33, 2                | 24.4 (80)   | 45.7 (150) | 20-750-MI2-E385F385           | 1.33, 2                | 182.9 (600)   | 243.8 (800) | 20-750-MI3-E385F385           |
|       |      |      | 4                      | 24.4 (80)   | 45.7 (150) |                               | 4                      | 152.4 (500)   | 182.9 (600) |                               |
|       | 630  | 650  | 1.33, 2                | 24.4 (80)   | 45.7 (150) | 20-750-MI2-E385F385           | 1.33, 2                | 182.9 (600)   | 243.8 (800) | 20-750-MI3-E385F385           |
|       |      |      | 4                      | 24.4 (80)   | 45.7 (150) |                               | 4                      | 152.4 (500)   | 182.9 (600) |                               |
|       | 710  | 735  | 1.33, 2                | 24.4 (80)   | 45.7 (150) | 20-750-MI2-E385F385           | 1.33, 2                | 182.9 (600)   | 243.8 (800) | 20-750-MI3-E385F385           |
|       |      |      | 4                      | 24.4 (80)   | 45.7 (150) |                               | 4                      | 152.4 (500)   | 182.9 (600) |                               |
|       | 800  | 820  | 1.33, 2                | 24.4 (80)   | 45.7 (150) | 20-750-MI2-E543F500           | 1.33, 2                | 182.9 (600)   | 243.8 (800) | 20-750-MI3-E543F500           |
|       |      |      | 4                      | 24.4 (80)   | 45.7 (150) |                               | 4                      | 152.4 (500)   | 182.9 (600) |                               |
|       | 900  | 920  | 1.33, 2                | 24.4 (80)   | 45.7 (150) | 20-750-MI2-E543F500           | 1.33, 2                | 182.9 (600)   | 243.8 (800) | 20-750-MI3-E543F500           |
|       |      |      | 4                      | 24.4 (80)   | 45.7 (150) |                               | 4                      | 152.4 (500)   | 182.9 (600) |                               |
| 10    | 1000 | 1030 | 1.33, 2                | 24.4 (80)   | 45.7 (150) | 20-750-MI2-E543F500           | 1.33, 2                | 182.9 (600)   | 243.8 (800) | 20-750-MI3-E543F500           |
|       |      |      | 4                      | 24.4 (80)   | 45.7 (150) |                               | 4                      | 152.4 (500)   | 182.9 (600) |                               |
|       | 1100 | 1150 | 1.33, 2                | 24.4 (80)   | 45.7 (150) | 20-750-MI2-E543F500           | 1.33, 2                | 182.9 (600)   | 243.8 (800) | 20-750-MI3-E543F500           |
|       |      |      | 4                      | 24.4 (80)   | 45.7 (150) |                               | 4                      | 152.4 (500)   | 182.9 (600) |                               |
|       | 1400 | 1419 | 1.33, 2                | 24.4 (80)   | 45.7 (150) | 20-750-MI2-E543F500           | 1.33, 2                | 182.9 (600)   | 243.8 (800) | 20-750-MI3-E543F500           |
|       |      |      | 4                      | 24.4 (80)   | 45.7 (150) |                               | 4                      | 152.4 (500)   | 182.9 (600) |                               |
| 11    | 1800 | 1865 | 1.33, 2                | 24.4 (80)   | 45.7 (150) | 20-750-MI2-E543F500           | 1.33, 2                | 182.9 (600)   | 243.8 (800) | 20-750-MI3-E543F500           |
|       |      |      | 4                      | 24.4 (80)   | 45.7 (150) |                               | 4                      | 152.4 (500)   | 182.9 (600) |                               |
| 12    | 2300 | 2318 | 1.33, 2                | 24.4 (80)   | 45.7 (150) | 20-750-MI2-E543F500           | 1.33, 2                | 182.9 (600)   | 243.8 (800) | 20-750-MI3-E543F500           |
|       |      |      | 4                      | 24.4 (80)   | 45.7 (150) |                               | 4                      | 152.4 (500)   | 182.9 (600) |                               |
| 13    | 2750 | 2778 | 1.33, 2                | 24.4 (80)   | 45.7 (150) | 20-750-MI2-E543F500           | 1.33, 2                | 182.9 (600)   | 243.8 (800) | 20-750-MI3-E543F500           |
|       |      |      | 4                      | 24.4 (80)   | 45.7 (150) |                               | 4                      | 152.4 (500)   | 182.9 (600) |                               |
| 14    | 3650 | 3687 | 1.33, 2                | 24.4 (80)   | 45.7 (150) | 20-750-MI2-E543F500           | 1.33, 2                | 182.9 (600)   | 243.8 (800) | 20-750-MI3-E543F500           |
|       |      |      | 4                      | 24.4 (80)   | 45.7 (150) |                               | 4                      | 152.4 (500)   | 182.9 (600) |                               |
| 15    | 4550 | 4596 | 1.33, 2                | 24.4 (80)   | 45.7 (150) | 20-750-MI2-E543F500           | 1.33, 2                | 182.9 (600)   | 243.8 (800) | 20-750-MI3-E543F500           |
|       |      |      | 4                      | 24.4 (80)   | 45.7 (150) |                               | 4                      | 152.4 (500)   | 182.9 (600) |                               |

## 1336 PLUS II and 1336 IMPACT Drives

To increase the distance between the 1336 PLUS II and 1336 IMPACT drives and the motor, some device (RWR or terminator) must be added to the system. Shaded distances are restricted by cable capacitance charging current.

**Table 66 - 1336 PLUS II/1336 IMPACT Drives, 380...480V – Meters (Feet)**

| Drive Frame | Drive kW (Hp) | Motor kW (Hp) | No External Devices <sup>(1)</sup> |            |             |                          | With 1204-TFB2 Terminator <sup>(1)</sup> |          |           | With 1204-TFA1 Terminator <sup>(1)</sup> |            |                       |            |             | Reactor at Drive <sup>(1)(4)</sup> |             |
|-------------|---------------|---------------|------------------------------------|------------|-------------|--------------------------|--|----------|-----------|--|------------|-----------------------|------------|-------------|------------------------------------|-------------|
|             |               |               | Motor                              |            |             |                          | Motor                                    |          |           | Motor                                    |            |                       |            |             | Motor                              |             |
|             |               |               | A                                  | B          | 1329        | 1329R/L (1600V)          | A or B                                   |          | 1329      | A  |            | B                     |            | 1329        | A                                  | B or 1329   |
|             |               |               | Any Cable                          | Any Cable  | Any Cable   | Any Cable <sup>(2)</sup> | Shield <sup>(3)</sup>                    | Unshield | Any Cable | Shield <sup>(3)</sup>                    | Unshield   | Shield <sup>(3)</sup> | Unshield   | Any Cable   | Any Cable                          | Any Cable   |
| A1          | 0.37 (0.5)    | 0.37 (0.5)    | 12.2 (40)                          | 33.5 (110) | 91.4 (300)  | 91.4 (300)               | Use 1204-TFA1                            |          |           | 30.5 (100)                               | 61.0 (200) | 30.5 (100)            | 61.0 (200) | 91.4 (300)  | 22.9 (75)                          | 182.9 (600) |
|             | 0.75 (1)      | 0.75 (1)      | 12.2 (40)                          | 33.5 (110) | 91.4 (300)  | 91.4 (300)               |  |          |           | 30.5 (100)                               | 30.5 (100) | 30.5 (100)            | 30.5 (100) | 91.4 (300)  | 22.9 (75)                          | 182.9 (600) |
|             |               | 0.37 (0.5)    | 12.2 (40)                          | 33.5 (110) | 91.4 (300)  | 91.4 (300)               |  |          |           | 30.5 (100)                               | 61.0 (200) | 30.5 (100)            | 61.0 (200) | 91.4 (300)  | 22.9 (75)                          | 182.9 (600) |
|             | 1.2 (1.5)     | 1.2 (1.5)     | 12.2 (40)                          | 33.5 (110) | 91.4 (300)  | 91.4 (300)               |  |          |           | 30.5 (100)                               | 30.5 (100) | 61.0 (200)            | 61.0 (200) | 91.4 (300)  | 22.9 (75)                          | 182.9 (600) |
|             |               | 0.75 (1)      | 12.2 (40)                          | 33.5 (110) | 91.4 (300)  | 91.4 (300)               |  |          |           | 30.5 (100)                               | 30.5 (100) | 61.0 (200)            | 61.0 (200) | 91.4 (300)  | 22.9 (75)                          | 182.9 (600) |
|             |               | 0.37 (0.5)    | 12.2 (40)                          | 33.5 (110) | 114.3 (375) | 121.9 (400)              |  |          |           | 30.5 (100)                               | 30.5 (100) | 61.0 (200)            | 61.0 (200) | 121.9 (400) | 22.9 (75)                          | 182.9 (600) |

**Table 66 - 1336 PLUS II/1336 IMPACT Drives, 380...480V – Meters (Feet) (continued)**

| Drive Frame | Drive kW (Hp)          | Motor kW (Hp)         | No External Devices <sup>(1)</sup> |            |             |                          | With 1204-TFB2 Terminator <sup>(1)</sup> |             |             | With 1204-TFA1 Terminator <sup>(1)</sup> |             |                       |            |             | Reactor at Drive <sup>(1)(4)</sup> |             |
|-------------|------------------------|-----------------------|------------------------------------|------------|-------------|--------------------------|--|-------------|-------------|--|-------------|-----------------------|------------|-------------|------------------------------------|-------------|
|             |                        |                       | Motor                              |            |             |                          | Motor                                    |             |             | Motor                                    |             |                       |            |             | Motor                              |             |
|             |                        |                       | A                                  | B          | 1329        | 1329R/L (1600V)          | A or B                                   |             | 1329        | A  |             | B                     |            | 1329        | A                                  | B or 1329   |
|             |                        |                       | Any Cable                          | Any Cable  | Any Cable   | Any Cable <sup>(2)</sup> | Shield <sup>(3)</sup>                    | Unshield    | Any Cable   | Shield <sup>(3)</sup>                    | Unshield    | Shield <sup>(3)</sup> | Unshield   | Any Cable   | Any Cable                          | Any Cable   |
| A2          | 1.5 (2)                | 1.5 (2)               | 7.6 (25)                           | 12.2 (40)  | 91.4 (300)  | 91.4 (300)               | 91.4 (300)                               | 91.4 (300)  | 91.4 (300)  | 30.5 (100)                               | 30.5 (100)  | 91.4 (300)            | 61.0 (200) | 91.4 (300)  | 22.9 (75)                          | 182.9 (600) |
|             |                        | 1.2 (1.5)             | 7.6 (25)                           | 12.2 (40)  | 114.3 (375) | 182.9 (600)              | 91.4 (300)                               | 182.9 (600) | 182.9 (600) | 30.5 (100)                               | 30.5 (100)  | 91.4 (300)            | 61.0 (200) | 182.9 (600) | 22.9 (75)                          | 182.9 (600) |
|             |                        | 0.75 (1)              | 7.6 (25)                           | 12.2 (40)  | 114.3 (375) | 182.9 (600)              | 182.9 (600)                              | 182.9 (600) | 182.9 (600) | 30.5 (100)                               | 30.5 (100)  | 91.4 (300)            | 61.0 (200) | 182.9 (600) | 22.9 (75)                          | 182.9 (600) |
|             |                        | 0.37 (0.5)            | 7.6 (25)                           | 12.2 (40)  | 114.3 (375) | 182.9 (600)              | 182.9 (600)                              | 182.9 (600) | 182.9 (600) | 30.5 (100)                               | 30.5 (100)  | 91.4 (300)            | 61.0 (200) | 182.9 (600) | 22.9 (75)                          | 182.9 (600) |
|             | 2.2 (3)                | 2.2 (3)               | 7.6 (25)                           | 12.2 (40)  | 91.4 (300)  | 91.4 (300)               | 182.9 (600)                              | 182.9 (600) | 182.9 (600) | <b>Use 1204-TFB2</b>                     |             |                       |            |             | 22.9 (75)                          | 182.9 (600) |
|             |                        | 1.5 (2)               | 7.6 (25)                           | 12.2 (40)  | 114.3 (375) | 182.9 (600)              | 182.9 (600)                              | 182.9 (600) | 182.9 (600) |  |             |                       |            |             | 22.9 (75)                          | 182.9 (600) |
|             |                        | 0.75 (1)              | 7.6 (25)                           | 12.2 (40)  | 114.3 (375) | 182.9 (600)              | 182.9 (600)                              | 182.9 (600) | 182.9 (600) |  |             |                       |            |             | 22.9 (75)                          | 182.9 (600) |
|             |                        | 0.37 (0.5)            | 7.6 (25)                           | 12.2 (40)  | 114.3 (375) | 182.9 (600)              | 182.9 (600)                              | 182.9 (600) | 182.9 (600) |  |             |                       |            |             | 22.9 (75)                          | 182.9 (600) |
| A3          | 3.7 (5)                | 3.7 (5)               | 7.6 (25)                           | 12.2 (40)  | 114.3 (375) | 182.9 (600)              | 182.9 (600)                              | 182.9 (600) | 182.9 (600) | <b>Use 1204-TFB2</b>                     |             |                       |            |             | 22.9 (75)                          | 182.9 (600) |
|             |                        | 2.2 (3)               | 7.6 (25)                           | 12.2 (40)  | 114.3 (375) | 182.9 (600)              | 182.9 (600)                              | 182.9 (600) | 182.9 (600) |  |             |                       |            |             | 22.9 (75)                          | 182.9 (600) |
|             |                        | 1.5 (2)               | 7.6 (25)                           | 12.2 (40)  | 114.3 (375) | 182.9 (600)              | 182.9 (600)                              | 182.9 (600) | 182.9 (600) |  |             |                       |            |             | 22.9 (75)                          | 182.9 (600) |
|             |                        | 0.75 (1)              | 7.6 (25)                           | 12.2 (40)  | 114.3 (375) | 182.9 (600)              | 182.9 (600)                              | 182.9 (600) | 182.9 (600) |  |             |                       |            |             | 22.9 (75)                          | 182.9 (600) |
|             |                        | 0.37 (0.5)            | 7.6 (25)                           | 12.2 (40)  | 114.3 (375) | 182.9 (600)              | 182.9 (600)                              | 182.9 (600) | 182.9 (600) |  |             |                       |            |             | 22.9 (75)                          | 182.9 (600) |
| A4          | 5.5...15 (7.5...20)    | 5.5...15 (7.5...20)   | 7.6 (25)                           | 12.2 (40)  | 114.3 (375) | 182.9 (600)              | 182.9 (600)                              | 182.9 (600) | 182.9 (600) | <b>Use 1204-TFB2</b>                     |             |                       |            |             | 24.4 (80)                          | 182.9 (600) |
| B           | 11...22 (15...30)      | 11...22 (15...30)     | 7.6 (25)                           | 12.2 (40)  | 114.3 (375) | 182.9 (600)              | 182.9 (600)                              | 182.9 (600) | 182.9 (600) |  |             |                       |            |             | 24.4 (80)                          | 182.9 (600) |
| C           | 30...45 (X40...X60)    | 30...45 (40...60)     | 7.6 (25)                           | 12.2 (40)  | 114.3 (375) | 182.9 (600)              | 182.9 (600)                              | 182.9 (600) | 182.9 (600) |  |             |                       |            |             | 76.2 (250)                         | 182.9 (600) |
| D           | 45...112 (60...150)    | 45...112 (60...150)   | 12.2 (40)                          | 30.5 (100) | 114.3 (375) | 182.9 (600)              | 182.9 (600)                              | 182.9 (600) | 182.9 (600) |  |             |                       |            |             | 61.0 (200)                         | 91.4 (300)  |
| E           | 112...187 (150...250)  | 112...187 (150...250) | 12.2 (40)                          | 53.3 (175) | 114.3 (375) | 182.9 (600)              | 182.9 (600)                              | 182.9 (600) | 182.9 (600) |  |             |                       |            |             | 182.9 (600)                        | 182.9 (600) |
| F           | 187...336 (250...450)  | 187...336 (250...450) | 18.3 (60)                          | 53.3 (175) | 114.3 (375) | 182.9 (600)              | 182.9 (600)                              | 182.9 (600) | 182.9 (600) | 182.9 (600)                              | 182.9 (600) |                       |            |             |                                    |             |
| G           | 187...448 (X250...600) | 187...448 (250...600) | 18.3 (60)                          | 53.3 (175) | 114.3 (375) | 182.9 (600)              | 182.9 (600)                              | 182.9 (600) | 182.9 (600) | 182.9 (600)                              | 182.9 (600) |                       |            |             |                                    |             |

- (1) Values that are shown are for nominal input voltage, drive carrier frequency of 2 kHz or as shown and surrounding air temperature at the motor of 40 °C (104 °F). Consult factory regarding operation at carrier frequencies above 2 kHz. Multiply values by 0.85 for high line conditions. For input voltages of 380, 400V or 415V AC, multiply the table values by 1.25, 1.20 or 1.15, respectively.
- (2) These distance restrictions are due to charging of cable capacitance and can vary from application to application.
- (3) Includes wire in conduit.
- (4) A 3% reactor reduces motor and cable stress but can cause a degradation of motor waveform quality. Reactors must have a turn-turn insulation rating of 2100V or higher.

Table 67 - 1336 PLUS II/IMPACT Drives, 600V – Meters (Feet)

| Drive Frame | Drive kW (Hp)          | Motor kW (Hp)          | No External Devices <sup>(1)</sup> |           |                        | With 1204-TFB2 Terminator <sup>(1)</sup> |             |                        | With 1204-TFA1 Terminator <sup>(1)</sup> |            |                        | Reactor at Drive <sup>(1)(3)</sup> |             |                        |             |            |             |             |
|-------------|------------------------|------------------------|------------------------------------|-----------|------------------------|--|-------------|------------------------|--|------------|------------------------|------------------------------------|-------------|------------------------|-------------|------------|-------------|-------------|
|             |                        |                        | Motor (NR = not recommended)       |           |                        | Motor (NR = not recommended)             |             |                        | Motor (NR = not recommended)             |            |                        | Motor                              |             |                        |             |            |             |             |
|             |                        |                        | A                                  | B         | 1329R/L <sup>(2)</sup> | A  | B           | 1329R/L <sup>(2)</sup> | A  | B          | 1329R/L <sup>(2)</sup> | A                                  | B           | 1329R/L <sup>(2)</sup> |             |            |             |             |
|             |                        |                        | Any Cable                          | Any Cable | Any Cable              | Any Cable                                | Any Cable   | Any Cable              | Any Cable                                | Any Cable  | Any Cable              | Any Cable                          | Any Cable   | Any Cable              |             |            |             |             |
| A4          | 0.75 (1)               | 0.75 (1)               | NR                                 | NR        | N/A                    | NR                                       | 182.9 (600) | 335.3 (1100)           | NR                                       | 61.0 (200) | 182.9 (600)            | Not Recommended                    |             |                        |             |            |             |             |
|             |                        | 0.37 (0.5)             | NR                                 | NR        | N/A                    | NR                                       | 182.9 (600) | 335.3 (1100)           | NR                                       | 61.0 (200) | 182.9 (600)            |                                    |             |                        |             |            |             |             |
|             | 1.5 (2)                | 1.5 (2)                | NR                                 | NR        | N/A                    | NR                                       | 182.9 (600) | 335.3 (1100)           | NR                                       | 61.0 (200) | 182.9 (600)            |                                    |             |                        |             |            |             |             |
|             |                        | 1.2 (1.5)              | NR                                 | NR        | N/A                    | NR                                       | 182.9 (600) | 335.3 (1100)           | NR                                       | 61.0 (200) | 182.9 (600)            |                                    |             |                        |             |            |             |             |
|             |                        | 0.75 (1)               | NR                                 | NR        | 182.9 (600)            | NR                                       | 182.9 (600) | 335.3 (1100)           | NR                                       | 61.0 (200) | 182.9 (600)            |                                    |             |                        |             |            |             |             |
|             |                        | 0.37 (0.5)             | NR                                 | NR        | 182.9 (600)            | NR                                       | 182.9 (600) | 335.3 (1100)           | NR                                       | 61.0 (200) | 182.9 (600)            |                                    |             |                        |             |            |             |             |
|             | 2.2 (3)                | 2.2 (3)                | NR                                 | NR        | N/A                    | NR                                       | 182.9 (600) | 335.3 (1100)           | NR                                       | 61.0 (200) | 182.9 (600)            |                                    |             |                        |             |            |             |             |
|             |                        | 1.5 (2)                | NR                                 | NR        | N/A                    | NR                                       | 182.9 (600) | 335.3 (1100)           | NR                                       | 61.0 (200) | 182.9 (600)            |                                    |             |                        |             |            |             |             |
|             |                        | 0.75 (1)               | NR                                 | NR        | 182.9 (600)            | NR                                       | 182.9 (600) | 335.3 (1100)           | NR                                       | 61.0 (200) | 182.9 (600)            |                                    |             |                        |             |            |             |             |
|             |                        | 0.37 (0.5)             | NR                                 | NR        | 182.9 (600)            | NR                                       | 182.9 (600) | 335.3 (1100)           | NR                                       | 61.0 (200) | 182.9 (600)            |                                    |             |                        |             |            |             |             |
|             | 3.7 (5)                | 3.7 (5)                | NR                                 | NR        | N/A                    | NR                                       | 182.9 (600) | 335.3 (1100)           | NR                                       | 61.0 (200) | 182.9 (600)            |                                    |             |                        |             |            |             |             |
|             |                        | 2.2 (3)                | NR                                 | NR        | N/A                    | NR                                       | 182.9 (600) | 335.3 (1100)           | NR                                       | 61.0 (200) | 182.9 (600)            |                                    |             |                        |             |            |             |             |
|             |                        | 1.5 (2)                | NR                                 | NR        | 182.9 (600)            | NR                                       | 182.9 (600) | 335.3 (1100)           | NR                                       | 61.0 (200) | 182.9 (600)            |                                    |             |                        |             |            |             |             |
|             |                        | 0.75 (1)               | NR                                 | NR        | 182.9 (600)            | NR                                       | 182.9 (600) | 335.3 (1100)           | NR                                       | 61.0 (200) | 182.9 (600)            |                                    |             |                        |             |            |             |             |
|             |                        | 0.37 (0.5)             | NR                                 | NR        | 182.9 (600)            | NR                                       | 182.9 (600) | 335.3 (1100)           | NR                                       | 61.0 (200) | 182.9 (600)            |                                    |             |                        |             |            |             |             |
|             | 5.5...15 (7.5...20)    | 5.5...15 (7.5...20)    | NR                                 | 9.1 (30)  | 182.9 (600)            | 91.4 (300)                               | 182.9 (600) | 182.9 (600)            | NR                                       | 61.0 (200) | 182.9 (600)            |                                    |             |                        | 30.5 (100)  | 91.4 (300) | 182.9 (600) |             |
|             | C                      | 18.5...45 (25...60)    | 18.5...45 (25...60)                | NR        | 9.1 (30)               | 182.9 (600)                              | 91.4 (300)  | 182.9 (600)            | 182.9 (600)                              | NR         | 61.0 (200)             |                                    |             |                        | 182.9 (600) | 30.5 (100) | 91.4 (300)  | 182.9 (600) |
|             | D                      | 56...93 (75...125)     | 56...93 (75...125)                 | NR        | 9.1 (30)               | 182.9 (600)                              | 91.4 (300)  | 182.9 (600)            | 182.9 (600)                              | NR         | 61.0 (200)             |                                    |             |                        | 182.9 (600) | 61.0 (200) | 91.4 (300)  | 182.9 (600) |
| E           | 112...224 (150...X300) | 112...224 (150...X300) | NR                                 | 9.1 (30)  | 182.9 (600)            | 91.4 (300)                               | 182.9 (600) | 182.9 (600)            | NR                                       | 61.0 (200) | 182.9 (600)            | 182.9 (600)                        | 182.9 (600) | 182.9 (600)            |             |            |             |             |
| F           | 261...298 (350...400)  | 261...298 (350...400)  | NR                                 | 9.1 (30)  | 182.9 (600)            | 91.4 (300)                               | 182.9 (600) | 182.9 (600)            | NR                                       | 61.0 (200) | 182.9 (600)            | 182.9 (600)                        | 182.9 (600) | 182.9 (600)            |             |            |             |             |
| G           | 224...448 (300...600)  | 224...448 (300...600)  | NR                                 | 9.1 (30)  | 182.9 (600)            | 91.4 (300)                               | 182.9 (600) | 182.9 (600)            | NR                                       | 61.0 (200) | 182.9 (600)            | 182.9 (600)                        | 182.9 (600) | 182.9 (600)            |             |            |             |             |

(1) Values that are shown are for nominal input voltage and drive carrier frequency of 2 kHz. Consult factory regarding operation at carrier frequencies above 2 kHz.  
 (2) When used on 600V systems, 1329R/L motors have a corona inception voltage rating of approximately 1850V.  
 (3) A 3% reactor reduces motor and cable stress but can cause a degradation of motor waveform quality. Reactors must have a turn-turn insulation rating of 2100V or higher.

# 1305 Drives

This section lists motor cable data for 1305 drives.

**Table 68 - 1305 Drives, 480V, No External Devices at Motor – Meters (Feet)**

| Drive Hp (480V)                    | Motor Hp (480V) | (480V) Using a Motor with Insulation V <sub>p,p</sub> |              |                |                  |
|------------------------------------|-----------------|---|--------------|----------------|------------------|
|                                    |                 | Type A  |              | Type B         | 1329R/L          |
|                                    |                 | Any Cable   | Any Cable    | Shielded Cable | Unshielded Cable |
| <b>Maximum Carrier Frequency</b>   |                 | <b>4 kHz</b>  | <b>4 kHz</b> | <b>2 kHz</b>   | <b>2 kHz</b>     |
| <b>High-line Derate Multiplier</b> |                 | <b>0.85</b>   | <b>0.85</b>  | <b>0.55</b>    | <b>0.55</b>      |
| 5                                  | 5               | 9.1 (30)  | 30.5 (100)   | 121.9 (400)    | 121.9 (400)      |
|                                    | 3               | 9.1 (30)  | 30.5 (100)   | 121.9 (400)    | 121.9 (400)      |
|                                    | 2               | 9.1 (30)  | 30.5 (100)   | 121.9 (400)    | 121.9 (400)      |
|                                    | 1               | 9.1 (30)  | 30.5 (100)   | 121.9 (400)    | 121.9 (400)      |
|                                    | 0.5             | 9.1 (30)  | 30.5 (100)   | 121.9 (400)    | 121.9 (400)      |
| 3                                  | 3               | 9.1 (30)  | 30.5 (100)   | 91.4 (300)     | 121.9 (400)      |
|                                    | 2               | 9.1 (30)  | 30.5 (100)   | 121.9 (400)    | 121.9 (400)      |
|                                    | 1               | 9.1 (30)  | 30.5 (100)   | 121.9 (400)    | 121.9 (400)      |
|                                    | 0.5             | 9.1 (30)  | 30.5 (100)   | 121.9 (400)    | 121.9 (400)      |
| 2                                  | 2               | 9.1 (30)  | 30.5 (100)   | 76.2 (250)     | 121.9 (400)      |
|                                    | 1               | 9.1 (30)  | 30.5 (100)   | 121.9 (400)    | 121.9 (400)      |
|                                    | 0.5             | 9.1 (30)  | 30.5 (100)   | 121.9 (400)    | 121.9 (400)      |
| 1                                  | 1               | 9.1 (30)  | 30.5 (100)   | 68.6 (225)     | 121.9 (400)      |
|                                    | 0.5             | 9.1 (30)  | 30.5 (100)   | 121.9 (400)    | 121.9 (400)      |
| 0.5                                | 0.5             | 9.1 (30)  | 30.5 (100)   | 45.7 (150)     | 106.7 (350)      |

**Table 69 - 1305 Drive, 480V with Devices at Motor – Meters (Feet)**

| Drive Hp (460V)                      | Motor Hp (460V) | Reactor at the Drive <sup>(1)</sup>            |                   |              | With 1204-TFB2 Terminator   |              | With 1204-TFA1 Terminator   |              |              |              |
|--------------------------------------|-----------------|--|-------------------|--------------|---|--------------|---|--------------|--------------|--------------|
|                                      |                 | Using a Motor with Insulation V <sub>p,p</sub> |                   |              | Using a Motor with Insulation V <sub>p,p</sub> (NR = not recommended) |              | Using a Motor with Insulation V <sub>p,p</sub> (NR = not recommended) |              |              |              |
|                                      |                 | Type A   | Type B or 1329R/L |              | Type A or Type B  |              | Type A  |              | Type B       |              |
|                                      |                 | Any Cable                                      | Shielded          | Unshielded   | Shielded  | Unshielded   | Shielded  | Unshielded   | Shielded     | Unshielded   |
| <b>Maximum Carrier Frequency</b>     |                 | <b>2 kHz</b>                                   | <b>2 kHz</b>      | <b>2 kHz</b> | <b>2 kHz</b>  | <b>2 kHz</b> | <b>2 kHz</b>  | <b>2 kHz</b> | <b>2 kHz</b> | <b>2 kHz</b> |
| <b>High-line Derating Multiplier</b> |                 | <b>0.85</b>                                    | <b>0.85</b>       | <b>0.85</b>  | <b>0.85</b>   | <b>0.85</b>  | <b>0.85</b>   | <b>0.85</b>  | <b>0.85</b>  | <b>0.85</b>  |
| 5                                    | 5               | 15.2 (50)                                      | 182.9 (600)       | 182.9 (600)  | NR  | NR           | 91.4 (300)  | 61.0 (200)   | 91.4 (300)   | 121.9 (400)  |
|                                      | 3               | 15.2 (50)                                      | 182.9 (600)       | 182.9 (600)  | 91.4 (300)  | 121.9 (400)  | 99.1 (325)  | 61.0 (200)   | 152.4 (500)  | 121.9 (400)  |
|                                      | 2               | 15.2 (50)                                      | 182.9 (600)       | 182.9 (600)  | 121.9 (400)   | 182.9 (600)  | 99.1 (325)  | 61.0 (200)   | 182.9 (600)  | 121.9 (400)  |
|                                      | 1               | 15.2 (50)                                      | 182.9 (600)       | 182.9 (600)  | 121.9 (400)   | 182.9 (600)  | 99.1 (325)  | 61.0 (200)   | 182.9 (600)  | 121.9 (400)  |
|                                      | 0.5             | 15.2 (50)                                      | 182.9 (600)       | 182.9 (600)  | 182.9 (600)   | 182.9 (600)  | 99.1 (325)  | 61.0 (200)   | 182.9 (600)  | 121.9 (400)  |
| 3                                    | 3               | 15.2 (50)                                      | 91.4 (300)        | 182.9 (600)  | NR  | NR           | 91.4 (300)  | 61.0 (200)   | 91.4 (300)   | 121.9 (400)  |
|                                      | 2               | 15.2 (50)                                      | 182.9 (600)       | 182.9 (600)  | 91.4 (300)  | 121.9 (400)  | 99.1 (325)  | 61.0 (200)   | 152.4 (500)  | 121.9 (400)  |
|                                      | 1               | 15.2 (50)                                      | 182.9 (600)       | 182.9 (600)  | 91.4 (300)  | 182.9 (600)  | 99.1 (325)  | 61.0 (200)   | 182.9 (600)  | 121.9 (400)  |
|                                      | 0.5             | 15.2 (50)                                      | 182.9 (600)       | 182.9 (600)  | 121.9 (400)   | 182.9 (600)  | 99.1 (325)  | 61.0 (200)   | 182.9 (600)  | 121.9 (400)  |
| 2                                    | 2               | 15.2 (50)                                      | 76.2 (250)        | 167.6 (550)  | NR  | NR           | 91.4 (300)  | 61.0 (200)   | 91.4 (300)   | 121.9 (400)  |
|                                      | 1               | 15.2 (50)                                      | 182.9 (600)       | 182.9 (600)  | 61.0 (200)  | 61.0 (200)   | 99.1 (325)  | 61.0 (200)   | 121.9 (400)  | 121.9 (400)  |
|                                      | 0.5             | 15.2 (50)                                      | 182.9 (600)       | 182.9 (600)  | 91.4 (300)  | 121.9 (400)  | 99.1 (325)  | 61.0 (200)   | 152.4 (500)  | 121.9 (400)  |

**Table 69 - 1305 Drive, 480V with Devices at Motor – Meters (Feet) (continued)**

| Drive Hp<br>(460V)                   | Motor Hp<br>(460V) | Reactor at the Drive <sup>(1)</sup>            |                   |              | With 1204-TFB2 Terminator  |              | With 1204-TFA1 Terminator  |              |              |              |
|--------------------------------------|--------------------|--|-------------------|--------------|--|--------------|--|--------------|--------------|--------------|
|                                      |                    | Using a Motor with Insulation V <sub>p,p</sub> |                   |              | Using a Motor with Insulation V <sub>p,p</sub><br>(NR = not recommended) |              | Using a Motor with Insulation V <sub>p,p</sub><br>(NR = not recommended) |              |              |              |
|                                      |                    | Type A   | Type B or 1329R/L |              | Type A or Type B   |              | Type A   |              | Type B       |              |
|                                      |                    | Any Cable                                      | Shielded          | Unshielded   | Shielded   | Unshielded   | Shielded   | Unshielded   | Shielded     | Unshielded   |
| <b>Maximum Carrier Frequency</b>     |                    | <b>2 kHz</b>                                   | <b>2 kHz</b>      | <b>2 kHz</b> | <b>2 kHz</b>   | <b>2 kHz</b> | <b>2 kHz</b>   | <b>2 kHz</b> | <b>2 kHz</b> | <b>2 kHz</b> |
| <b>High-line Derating Multiplier</b> |                    | <b>0.85</b>                                    | <b>0.85</b>       | <b>0.85</b>  | <b>0.85</b>  | <b>0.85</b>  | <b>0.85</b>  | <b>0.85</b>  | <b>0.85</b>  | <b>0.85</b>  |
| 1                                    | 1                  | 15.2 (50)                                      | 68.6 (225)        | 152.4 (500)  | NR   | NR           | 45.7 (150)   | 61.0 (200)   | 45.7 (150)   | 76.2 (250)   |
|                                      | 0.5                | 15.2 (50)                                      | 182.9 (600)       | 182.9 (600)  | NR   | NR           | 76.2 (250)   | 61.0 (200)   | 76.2 (250)   | 121.9 (400)  |
| 0.5                                  | 0.5                | 15.2 (50)                                      | 45.7 (150)        | 106.7 (350)  | NR   | NR           | NR   | NR           | NR           | NR           |

(1) **IMPORTANT:** A 3% reactor reduces motor stress but can cause a degradation of motor waveform quality. Reactors must have a turn-to-turn insulating rating of 2100V or higher. Reactors are not recommended for lightly loaded applications because over voltage trips can result at low output frequencies.

## 160 Drives

This section lists motor cable data for 160 drives.

**Table 70 - 160 Drives, 480V – Meters (Feet)**

| 380...460V Ratings   | Motor Insulation Rating - Volts <sub>p,p</sub> | Motor Cable Only |             | RWR at Drive |             | Reactor at Motor |             |
|----------------------|--|------------------|-------------|--------------|-------------|------------------|-------------|
|                      |  | Shielded         | Unshielded  | Shielded     | Unshielded  | Shielded         | Unshielded  |
| 4.0 kW<br>(5 Hp)     | 1000   | 13.7 (45)        | 6.1 (20)    | 160.0 (525)  | 182.9 (600) | 99.1 (325)       | 91.4 (300)  |
|                      | 1200   | 27.4 (90)        | 12.2 (40)   | 160.0 (525)  | 182.9 (600) | 160.0 (525)      | 129.5 (425) |
|                      | 1600   | 160.0 (525)      | 144.8 (475) | 160.0 (525)  | 182.9 (600) | 160.0 (525)      | 182.9 (600) |
| 2.2 kW<br>(3 Hp)     | 1000   | 12.2 (40)        | 12.2 (40)   | 160.0 (525)  | 182.9 (600) | 68.6 (225)       | 76.2 (250)  |
|                      | 1200   | 27.4 (90)        | 18.3 (60)   | 160.0 (525)  | 182.9 (600) | 99.1 (325)       | 129.5 (425) |
|                      | 1600   | 160.0 (525)      | 152.4 (500) | 160.0 (525)  | 182.9 (600) | 160.0 (525)      | 182.9 (600) |
| 1.5 kW<br>(2 Hp)     | 1000   | 12.2 (40)        | 12.2 (40)   | 129.5 (425)  | 182.9 (600) | 99.1 (325)       | 91.4 (300)  |
|                      | 1200   | 27.4 (90)        | 18.3 (60)   | 129.5 (425)  | 182.9 (600) | 129.5 (425)      | 137.2 (450) |
|                      | 1600   | 152.4 (500)      | 152.4 (500) | 129.5 (425)  | 182.9 (600) | 164.6 (540)      | 182.9 (600) |
| 0.75 kW<br>(1 Hp)    | 1000   | 16.8 (55)        | 12.2 (40)   | 99.1 (325)   | 182.9 (600) | 99.1 (325)       | 106.7 (350) |
|                      | 1200   | 38.1 (125)       | 18.3 (60)   | 99.1 (325)   | 182.9 (600) | 152.4 (500)      | 137.2 (450) |
|                      | 1600   | 152.4 (500)      | 152.4 (500) | 99.1 (325)   | 182.9 (600) | 152.4 (500)      | 182.9 (600) |
| 0.55 kW<br>(0.75 Hp) | 1000   | 13.7 (45)        | 12.2 (40)   | 91.4 (300)   | 182.9 (600) | 91.4 (300)       | 91.4 (300)  |
|                      | 1200   | 38.1 (125)       | 18.3 (60)   | 91.4 (300)   | 182.9 (600) | 152.4 (500)      | 152.4 (500) |
|                      | 1600   | 152.4 (500)      | 152.4 (500) | 91.4 (300)   | 182.9 (600) | 152.4 (500)      | 182.9 (600) |
| 0.37 kW<br>(0.5 Hp)  | 1000   | 13.7 (45)        | 27.4 (90)   | 91.4 (300)   | 129.5 (425) | 91.4 (300)       | 129.5 (425) |
|                      | 1200   | 38.1 (125)       | 54.9 (180)  | 91.4 (300)   | 129.5 (425) | 152.4 (500)      | 152.4 (500) |
|                      | 1600   | 152.4 (500)      | 152.4 (500) | 91.4 (300)   | 129.5 (425) | 152.4 (500)      | 152.4 (500) |

**Table 71 - 160 Drive, 240V and 480V – Cable Charging Current – Meters (Feet)**

| 480V Ratings                               | kHz | Motor Cable Only               |                   | RWR at Drive (NR = not recommended) |                   | Reactor at Motor               |                   |
|--|-----|--------------------------------|-------------------|-------------------------------------|-------------------|--------------------------------|-------------------|
|  |     | Shielded <sup>(1)</sup>        | Unshielded        | Shielded <sup>(1)</sup>             | Unshielded        | Shielded <sup>(1)</sup>        | Unshielded        |
| 4.0 kW<br>(5 Hp)                           | 2   | 106.7 (350)                    | 182.9 (600)       | 91.4 (300)                          | 182.9 (600)       | 121.9 (400)                    | 182.9 (600)       |
|  | 4   | 129.5 (425)                    | 182.9 (600)       | 106.7 (350)                         | 182.9 (600)       | 137.2 (450)                    | 182.9 (600)       |
|  | 8   | 144.8 (475)                    | 152.4 (500)       | NR                                  | NR                | 137.2 (450)                    | 152.4 (500)       |
| 2.2 kW<br>(3 Hp)                           | 2   | 109.7 (360)                    | 182.9 (600)       | 85.3 (280)                          | 182.9 (600)       | 121.9 (400)                    | 182.9 (600)       |
|  | 4   | 114.3 (375)                    | 182.9 (600)       | 83.8 (275)                          | 182.9 (600)       | 121.9 (400)                    | 182.9 (600)       |
|  | 8   | 121.9 (400)                    | 152.4 (500)       | NR                                  | NR                | 121.9 (400)                    | 152.4 (500)       |
| 1.5 kW<br>(2 Hp)                           | 2   | 91.4 (300)                     | 167.6 (550)       | 83.8 (275)                          | 182.9 (600)       | 91.4 (300)                     | 182.9 (600)       |
|  | 4   | 91.4 (300)                     | 167.6 (550)       | 83.8 (275)                          | 182.9 (600)       | 91.4 (300)                     | 152.4 (500)       |
|  | 8   | 99.1 (325)                     | 152.4 (500)       | NR                                  | NR                | 106.7 (350)                    | 152.4 (500)       |
| 0.75 kW<br>(1 Hp)                          | 2   | 61.0 (200)                     | 114.3 (375)       | 61.0 (200)                          | 129.5 (425)       | 68.6 (225)                     | 121.9 (400)       |
|  | 4   | 68.6 (225)                     | 114.3 (375)       | 61.0 (200)                          | 129.5 (425)       | 68.6 (225)                     | 114.3 (375)       |
|  | 8   | 76.2 (250)                     | 114.3 (375)       | NR                                  | NR                | 68.6 (225)                     | 121.9 (400)       |
| 0.55 kW<br>(0.75 Hp)                       | 2   | 54.9 (180)                     | 106.7 (350)       | 54.9 (180)                          | 114.3 (375)       | 54.9 (180)                     | 106.7 (350)       |
|  | 4   | 54.9 (180)                     | 106.7 (350)       | 54.9 (180)                          | 114.3 (375)       | 54.9 (180)                     | 106.7 (350)       |
|  | 8   | 54.9 (180)                     | 106.7 (350)       | NR                                  | NR                | 54.9 (180)                     | 106.7 (350)       |
| 0.37 kW<br>(0.5 Hp)                        | 2   | 30.5 (100)                     | 99.1 (325)        | 30.5 (100)                          | 106.7 (350)       | 30.5 (100)                     | 91.4 (300)        |
|  | 4   | 30.5 (100)                     | 99.1 (325)        | 30.5 (100)                          | 106.7 (350)       | 30.5 (100)                     | 106.7 (350)       |
|  | 8   | 30.5 (100)                     | 99.1 (325)        | NR                                  |                   | 30.5 (100)                     | 106.7 (350)       |
| <b>240V Ratings</b>                        |     | <b>No Reactor</b>              |                   | <b>RWR at Drive</b>                 |                   | <b>Reactor at Motor</b>        |                   |
| 0.37...4.0 kW<br>(0.5...5 Hp)<br>2...8 kHz |     | <b>Shielded <sup>(1)</sup></b> | <b>Unshielded</b> | <b>Shielded <sup>(1)</sup></b>      | <b>Unshielded</b> | <b>Shielded <sup>(1)</sup></b> | <b>Unshielded</b> |
|  |     | 160.0 (525)                    | 182.9 (600)       | NR                                  | NR                | 160.0 (525)                    | 182.9 (600)       |

(1) When you use shielded cable at lightly loaded conditions, cable length recommendations for drives rated 0.75 kW (1 Hp) and below are 61 m (200 ft).

## Reflected Wave Reduction Guidelines (for Catalog Number 1321-RWR)

Follow these guidelines for catalog number 1321-RWR reflected wave reduction solution:

- [Figure 39](#) shows wiring for single inverter drives (PowerFlex 70 Frames A...E; PowerFlex 700 Frames 0...6; PowerFlex 700H Frames 9...11; and PowerFlex 700S Frames 1...11 and 13).

[Figure 40](#) describes dual inverter drives (PowerFlex 700H/700S Frame 12).

[Figure 41](#) is for single inverter drives that require parallel reactors because the drive amp rating exceeds the rating of the largest available reactor (PowerFlex 700S Frame 13).

- Configurations that are shown in [Figure 39](#) and [Figure 41](#) can be used for single inverter drives with single or parallel cables, and single-motor or multi-motor applications.
- The configuration that is shown in [Figure 40](#) is used with dual inverter drives with single or parallel cables, and single-motor or multi-motor applications.