### Four Conductor Variable Frequency Drive Cable

**600V UL Type TC-ER / 1000V UL Type Motor Supply**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Conductor Size (AWG)</th>
<th>Conductor Stranding</th>
<th>Drain Wire(s) Size (AWG)</th>
<th>Insulation Thickness (inches)</th>
<th>Jacket Thickness (inches)</th>
<th>Nominal OD (inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>16-04VFD</td>
<td>16</td>
<td>26</td>
<td>16</td>
<td>0.030</td>
<td>0.045</td>
<td>0.401</td>
</tr>
<tr>
<td>14-04VFD</td>
<td>14</td>
<td>41</td>
<td>14</td>
<td>0.030</td>
<td>0.045</td>
<td>0.432</td>
</tr>
<tr>
<td>12-04VFD</td>
<td>12</td>
<td>65</td>
<td>12</td>
<td>0.030</td>
<td>0.045</td>
<td>0.483</td>
</tr>
<tr>
<td>10-04VFD</td>
<td>10</td>
<td>105</td>
<td>10</td>
<td>0.030</td>
<td>0.060</td>
<td>0.574</td>
</tr>
<tr>
<td>8-04VFD</td>
<td>8</td>
<td>133</td>
<td>4#14</td>
<td>0.045</td>
<td>0.060</td>
<td>0.774</td>
</tr>
<tr>
<td>6-04VFD</td>
<td>6</td>
<td>133</td>
<td>4#12</td>
<td>0.045</td>
<td>0.080</td>
<td>0.922</td>
</tr>
<tr>
<td>4-04VFD</td>
<td>4</td>
<td>133</td>
<td>4#10</td>
<td>0.045</td>
<td>0.080</td>
<td>1.040</td>
</tr>
<tr>
<td>2-04VFD</td>
<td>2</td>
<td>133</td>
<td>4#10</td>
<td>0.045</td>
<td>0.080</td>
<td>1.236</td>
</tr>
</tbody>
</table>

All values are nominal and subject to correction

**Application:**

Four Conductor Variable Frequency Drive Cables are primarily used with VFD’s. The four conductor construction is more effective than the three conductor version to reduce the effects of EMI interference in the event of a component failure. The ground is isolated from shielding which blocks transient current and thus nearby equipment and cable will not be affected.

**Conductors:**

Four Conductor Variable Frequency Drive Cable has stranded soft drawn tinned copper conductors.

**Drain(s):**

Four Conductor Variable Frequency Drive Cable has a stranded soft drawn tinned copper ground(s).

**Insulation:**

Four Conductor Variable Frequency Drive Cable has cross-linked polyethylene XLP insulation.

**Shielding:**

Four Conductor Variable Frequency Drive Cable has aluminum polyester & 85% tinned braid shields.

**Jacket:**

Four Conductor Variable Frequency Drive Cable has a polyvinyl chloride PVC jacket that is sunlight, moisture, oil and abrasion resistant and direct burial rated. The cable is 600V rated and for use from -40C to 90C.

**Standards:**

UL 1277, Type TC-ER, Type XHHW-2

UL approved as 1000V flexible motor supply cable

CSA FT-4 Vertical tray flame test

CSA AWM III A/B singles

C(UL) CIC-TC per CSA standard C22.2 No. 239-09 & 230-09

Meets UL 1202/1583 70,000 BTU flame test

Meets ICEA T-29-520 210,000 BTU flame test

Suitable for use in Class I Division II hazardous locations

90C DRY/WET

RoHS II & REACH compliant