### TRAY & POWER CABLE

**POWER CABLE**

**MV-105, 133% Jacketed EPR**

15,000 Volt Copper

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**Description:**

Three Class B stranded copper conductors with extruded semi-conductor shield, insulated with heat and moisture resistant EPR (133% insulation level), with conductor jacket. Phase identified and cabled together with fillers (when necessary) and bare copper ground conductor. Cable core covered with mylar binder tape and overall PVC jacket (other jackets available upon request). **Jacket available in colors.**

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**Standards:**

UL 1072  
ICEA S-93-639/NEMA WC-74  
Temperature Rated at 105°C Wet/Dry (conductors)  
Sunlight Resistant, Gasoline and Oil Resistant II Jacket  
Direct Burial  
Color Code: K-2 Stripes  
RoHS Compliant

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<table>
<thead>
<tr>
<th>Part Number</th>
<th>Size (AWG or kcmil)</th>
<th>Strand (no.)</th>
<th>Conductor Insulation Thickness (mils)</th>
<th>Conductor Jacket Thickness (mils)</th>
<th>Approx. Diameter Over Single Conductor (in.)</th>
<th>Grounding Conductor (AWG)</th>
<th>PVC Jacket Thickness (mils)</th>
<th>Approx. Diameter Overall (in.)</th>
<th>Approx. Net Weight (lb./1000')</th>
<th>Ampacity* (40°C ambient)</th>
</tr>
</thead>
<tbody>
<tr>
<td>P15K2/3EG</td>
<td>2</td>
<td>7</td>
<td>220</td>
<td>80</td>
<td>1.04</td>
<td>6</td>
<td>110</td>
<td>2.50</td>
<td>3,058</td>
<td>165</td>
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<td>19</td>
<td>220</td>
<td>80</td>
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</tbody>
</table>

*Per NEC Table 310-60 (Cl/75). Based on one three-conductor cable. NOTE: The data shown is approximate and subject to standard industry tolerances.

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