TRAY & POWER CABLE

TRAY CABLE
XHHW-2 or RW90/ServiceCPE®
600/1,000 Volt Copper
3 Conductor

Description:
Three copper conductors, stranded and insulated with heat and moisture resistant, chemically crosslinked polyethylene (type XHHW-2 or RW90), phase identified and cabled together with fillers (when necessary) and bare copper ground conductor. Cable core covered with binder tape and overall black CPE jacket. Available with tinned conductors.

Application:
Suitable for use in hazardous locations: Class I - Div 2, Class II - Div 2.

Standards:
UL 1277
CSA C22.2 #230 TC
ICEA S-95-658/NEMA WC-70
Exposed Runs Rated (TC-ER)
IMSA 19-1 (K-1 Colors)
Flame Rated: IEEE 383 (70,000 BTU),
T-29-520 (210,000 BTU) (available upon request),
IEEE 1202/CSA FT-4 (available upon request),
Two-hour Firewall
Temperature Rated at 90°C Wet/Dry
Sunlight Resistant, Gasoline and Oil Resistant I Jacket
Direct Burial
Color Code: Black and Numbered (#6 and larger)
K-2 Solid Colors (#14 AWG - #8 AWG)
( optional color codes available)
RoHS Compliant

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Size (AWG or Kcmil)</th>
<th>Strand (no.)</th>
<th>Insulation Thickness (mils)</th>
<th>Grounding Conductor (AWG)</th>
<th>Jacket Thickness (mils)</th>
<th>Approx. Diameter Overall (in.)</th>
<th>Approx. Net Weight (lb./1000')</th>
<th>Ampacity* (30°C ambient) 90°C Wet/Dry</th>
</tr>
</thead>
<tbody>
<tr>
<td>TCCPE14/3G</td>
<td>14</td>
<td>7</td>
<td>30</td>
<td>14</td>
<td>45</td>
<td>0.38</td>
<td>95</td>
<td>25†</td>
</tr>
<tr>
<td>TCCPE12/3G</td>
<td>12</td>
<td>7</td>
<td>30</td>
<td>12</td>
<td>45</td>
<td>0.42</td>
<td>133</td>
<td>30†</td>
</tr>
<tr>
<td>TCCPE10/3G</td>
<td>10</td>
<td>7</td>
<td>30</td>
<td>10</td>
<td>45</td>
<td>0.47</td>
<td>188</td>
<td></td>
</tr>
<tr>
<td>TCCPE8/3G</td>
<td>8</td>
<td>7</td>
<td>45</td>
<td>10</td>
<td>60</td>
<td>0.62</td>
<td>292</td>
<td>55</td>
</tr>
<tr>
<td>TCCPE6/3G</td>
<td>6</td>
<td>7</td>
<td>45</td>
<td>8</td>
<td>60</td>
<td>0.72</td>
<td>451</td>
<td>75</td>
</tr>
<tr>
<td>TCCPE4/3G</td>
<td>4</td>
<td>7</td>
<td>45</td>
<td>8</td>
<td>80</td>
<td>0.87</td>
<td>666</td>
<td>95</td>
</tr>
<tr>
<td>TCCPE3/3G</td>
<td>3</td>
<td>7</td>
<td>45</td>
<td>6</td>
<td>80</td>
<td>0.92</td>
<td>516</td>
<td>115</td>
</tr>
<tr>
<td>TCCPE2/3G</td>
<td>2</td>
<td>7</td>
<td>45</td>
<td>6</td>
<td>80</td>
<td>0.99</td>
<td>973</td>
<td>130</td>
</tr>
<tr>
<td>TCCPE1/3G</td>
<td>1</td>
<td>19</td>
<td>55</td>
<td>6</td>
<td>80</td>
<td>1.10</td>
<td>1,193</td>
<td>145</td>
</tr>
<tr>
<td>TCCPE1/03G</td>
<td>1/0</td>
<td>19</td>
<td>55</td>
<td>6</td>
<td>80</td>
<td>1.19</td>
<td>1,447</td>
<td>170</td>
</tr>
<tr>
<td>TCCPE2/03G</td>
<td>2/0</td>
<td>19</td>
<td>55</td>
<td>6</td>
<td>80</td>
<td>1.28</td>
<td>1,754</td>
<td>195</td>
</tr>
<tr>
<td>TCCPE3/03G</td>
<td>3/0</td>
<td>19</td>
<td>55</td>
<td>4</td>
<td>80</td>
<td>1.39</td>
<td>2,179</td>
<td>225</td>
</tr>
<tr>
<td>TCCPE4/03G</td>
<td>4/0</td>
<td>19</td>
<td>55</td>
<td>4</td>
<td>80</td>
<td>1.51</td>
<td>2,661</td>
<td>260</td>
</tr>
<tr>
<td>TCCPE250/3G</td>
<td>250</td>
<td>37</td>
<td>65</td>
<td>4</td>
<td>80</td>
<td>1.63</td>
<td>3,073</td>
<td>290</td>
</tr>
<tr>
<td>TCCPE350/3G</td>
<td>350</td>
<td>37</td>
<td>65</td>
<td>3</td>
<td>110</td>
<td>1.90</td>
<td>4,273</td>
<td>350</td>
</tr>
<tr>
<td>TCCPE500/3G</td>
<td>500</td>
<td>37</td>
<td>65</td>
<td>2</td>
<td>110</td>
<td>2.17</td>
<td>5,901</td>
<td>450</td>
</tr>
<tr>
<td>TCCPE600/3G</td>
<td>600</td>
<td>61</td>
<td>80</td>
<td>2</td>
<td>110</td>
<td>2.48</td>
<td>7,039</td>
<td>475</td>
</tr>
<tr>
<td>TCCPE750/3G</td>
<td>750</td>
<td>61</td>
<td>80</td>
<td>1</td>
<td>110</td>
<td>2.61</td>
<td>8,662</td>
<td>535</td>
</tr>
<tr>
<td>TCCPE1000/3G</td>
<td>1000</td>
<td>61</td>
<td>80</td>
<td>1/0</td>
<td>140</td>
<td>3.13</td>
<td>11,626</td>
<td>615</td>
</tr>
</tbody>
</table>

*Per NEC Table 310.15 (B)(16). †The overcurrent protection for items marked with an obelisk (†) shall not exceed 15 amps for #14 AWG, 20 amps for #12 AWG and 30 amps for #10 AWG per NEC 310-16 footnote. NOTE: The data shown is approximate and subject to standard industry tolerances.

servicewire.com
Phoenix, AZ
877-623-9473
Culloden, WV
800-624-3572
Houston, TX
800-231-9473