SOUTHWIRE CUSTOMER SPECIFICATION SHEET
Black Photovoltaic Wire 90°C
Type RPVU90 & RPV90

Picture for reference only. Actual product may vary.

Standards:
CSA C22.2 No. 38
CSA C22.2 No. 271-11
ASTM B3, B8, B787
Rated -40°C, Sunlight Resistant
RPV90 rated 600V, 1000V, or 2000V
RPVU90 rated 1000V or 2000V
RPV90 is rated for Direct Burial
RoHS compliant

Construction:
Stranded annealed (soft) copper conductor with an abrasion, moisture, and heat-resistant cross-linked XLPE insulation

Specifications:

<table>
<thead>
<tr>
<th>AWG Size</th>
<th># of Strands</th>
<th>Nominal Insulation Thickness (mils)</th>
<th>Nominal Cable Diameter (in)</th>
<th>Nominal cable weight (lbs/MFT)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>600V RPV</td>
<td>1kV RPV</td>
<td>1 kV RPVU 2 kV RPV/RPVU</td>
</tr>
<tr>
<td>14</td>
<td>19 or 7</td>
<td>30</td>
<td>45</td>
<td>60</td>
</tr>
<tr>
<td>12</td>
<td>19 or 7</td>
<td>30</td>
<td>45</td>
<td>60</td>
</tr>
<tr>
<td>10</td>
<td>19 or 7</td>
<td>30</td>
<td>45</td>
<td>60</td>
</tr>
<tr>
<td>8</td>
<td>19 or 7</td>
<td>45</td>
<td>60</td>
<td>80</td>
</tr>
</tbody>
</table>

All values should be considered nominal and subject to normal manufacturing tolerances

Sample Print Legend:
LL90458 CSA AWG 10 (5.26 mm2) RPVU90 1000V XLPE -40C SR DIR BUR --- (date) --- ROHS

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