Photovoltaic Wire

Manufactured using single layer XLPE insulation, PVX Series PV Wire is rated 90°C wet or dry for both 600 Volt and 1000/2000 Volt constructions. 100% copper conductor. Super-tough thermostet insulation is sunlight resistant in both black and white and offers superb protection from the elements.

Applications
- NEC Article 690 and NFPA Standard 70 applications
- 600V PV, USE-2, Service-Entrance Cable to be used in accordance with NEC Article 338
- 2000V PV RHH, RHW-2 for circuits not exceeding 2000 Volts
- -40°C TO 90°C Wet or Dry
- Sunlight resistant
- Suitable for direct burial

Industry Approvals
- UL Listed 4703 Photovoltaic Wire
- CSA Certified RPVU90 or RVP90
- XLPE Insulation
- UL 44 Thermostat - Insulated Wire
- PV, USE-2, RPVU90, RVP90
- UL 854 Service-Entrance Cable
- Flame Resistant VW-1, FV-2

Legends
- PV • USE-2 600V / RHH • RHW-2 • 2000V
- -40°C TO 90°C

PV • USE-2 600V / RHH • RHW-2 • 2000V

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Volts</th>
<th>Color</th>
<th>AWG</th>
<th>Conductor Stranding</th>
<th>Insulation Diameter</th>
<th>Outside Thickness</th>
<th>Approximate Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>PVX1019</td>
<td>600V</td>
<td>Black</td>
<td>10</td>
<td>19/0.0234</td>
<td>0.114”</td>
<td>0.060”</td>
<td>0.234”</td>
</tr>
<tr>
<td>PVX1019-2KV</td>
<td>1000V/2000V</td>
<td>White</td>
<td>10</td>
<td>19/0.0234</td>
<td>0.114”</td>
<td>0.075”</td>
<td>0.264”</td>
</tr>
</tbody>
</table>

Multi-Conductor Boat Cable

UL Listed E321438 premium Boat Cable is designed for best performance and maximum corrosion protection in harsh marine environments.

- Ultra-flexible Class K copper stranding resists fatigue from vibration and flexing
- Tinned for maximum protection against corrosion and electrolysis
- Round design for easy handling and installation
- Jacket stays ultra flexible in extreme cold and resists saltwater, oil, gasoline, heat and sunlight
- Rated 600 Volts for temps up to 221°F (105°C) dry, 167°F (75°C) wet

Typical Legend
POLAR WIRE BOAT CABLE (UL) 12 AWG 3/COND VW-1 600V 105C DRY 75C WET BC5W2 MADE IN USA RoHS COMPLIANT

Prebuilt Solar Panel Cables and MC10 Wire available on page 29

Polar Wire Products, Inc Shop our online store!