Heliostat Cable: Armored Trunk

APPLICATIONS
- Southwire’s Solar Heliostat Trunk Cable is for use in solar generating stations
- Cable is rated for above or below ground installations
- Primary installation is as a trunk line, which interconnects heliostats at a solar farm

CONSTRUCTION DETAILS
- Power and communication cable. 600 Volt. VW1 rated. Tin coated copper conductors. XHHW insulated power singles. XLPE insulated communication singles. Overall PVC Jacket.
- Available in 10 AWG power conductor with XHHW insulation and properly sized grounding conductor.
- Available with an 18 AWG communication pair insulated with XLPE, shielded, along with integral drain wire. Communication pair is rated for 120 ohms impedance.
- Armored with Armor-X, aluminum or galvanized steel interlocked MC type armor.
- Overall jacket consists of a flame retardant, moisture and sunlight resistant PVC.
- Other variations of this construction are available upon request.

SPECIFICATIONS
Southwire’s Solar Heliostat Trunk Cable meets or exceeds the applicable requirements of the following standards and specifications:
- UL 1569: Standard for Metal-Clad Cables

OPTIONS
- Other jacket materials and sizes available
<table>
<thead>
<tr>
<th>Phase Conductor (AWG)</th>
<th>Overall Insulation Thickness</th>
<th>Ground Conductor (AWG)</th>
<th>Insulation Material</th>
<th>Overall OD (inches)</th>
<th>Overall Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 Cu</td>
<td>30 mils</td>
<td>10 Cu or 8 Al</td>
<td>XHHW</td>
<td>Custom*</td>
<td>Custom*</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Conductor (AWG)</th>
<th>Overall Insulation Thickness</th>
<th>Drain Wire (AWG)</th>
<th>Insulation Material</th>
<th>Overall OD (inches)</th>
<th>Overall Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>18 Tinned Cu</td>
<td>Custom*</td>
<td>18 Tinned Bare Cu</td>
<td>XLPE</td>
<td>Custom*</td>
<td>Custom*</td>
</tr>
</tbody>
</table>

*This product is a ‘design-build’ type product and available in other constructions and materials. Dimensions and weights shown above are nominal and subject to industry tolerances. Consult your Southwire representative for questions or other constructions.