Heliostat Cable: Branch

APPLICATIONS
- Southwire’s Solar Heliostat Branch Cable is for use at solar generating stations.
- Cable is rated for above ground installations.
- Primary installation is to connect the heliostat to the trunk line, which interconnects heliostats at a solar farm.
- Cable is rated to rotate full 360 degrees with the heliostat.

CONSTRUCTION DETAILS
- Power and Communication Cable. 600 Volt. VW1 rated. Tin coated copper conductors. XHHW insulated power singles. XLPE insulated communication singles. PVC insulated overall jacket.
- Available in 22 AWG power conductor pair with XHHW insulation.
- Available with a 22 AWG communication pair insulated with XLPE and shielded with 22 AWG drain wire.
- Communication pair is rated for 120 ohms impedance.
- The overall jacket consists of a flame retardant, moisture and sunlight resistant PVC.
- Other variations of this construction are available upon request.
### PHASE CONDUCTOR

<table>
<thead>
<tr>
<th>Phase Conductor (AWG)</th>
<th>Overall Jacket Thickness</th>
<th>Insulation Material</th>
<th>Overall OD (inches)</th>
<th>Overall Weight (lbs)</th>
<th>Overall Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>22 Tinned Cu</td>
<td>45 mils</td>
<td>XHHW</td>
<td>Custom*</td>
<td>Custom*</td>
<td>Custom*</td>
</tr>
</tbody>
</table>

### COMMUNICATION PAIR

<table>
<thead>
<tr>
<th>Phase Conductor (AWG)</th>
<th>Drain Wire (AWG)</th>
<th>Insulation Material</th>
<th>Overall OD (inches)</th>
<th>Overall Weight (lbs)</th>
<th>Overall Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>22 Tinned Cu</td>
<td>22 Tinned Bare Cu</td>
<td>XLPE</td>
<td>Custom*</td>
<td>Custom*</td>
<td>Custom*</td>
</tr>
</tbody>
</table>

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