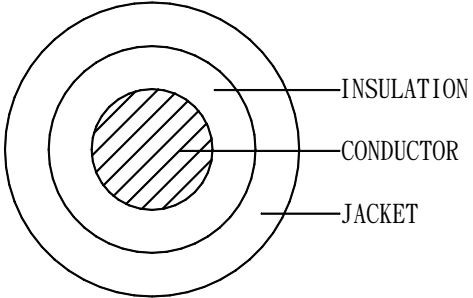



Cross Section	Construction	Electrical Characteristics						
	<p style="text-align: center;">A Tinned Copper</p> <p>Conductor mm2 6 Construction (mm) 84/0.285 Tolerance ±0.008 Diameter(mm) 3.02</p> <p><b>INSULATION XLPE</b> Diameter(mm) 4.80 Tolerance ±0.15 Color BLACK</p> <p><b>JACKET XLPE</b> Diameter(mm) 6.50 Tolerance ±0.15 Color BLACK OR RED</p>	<p>Test voltage AC 6.5 KV DC Conductor Resistance at 20°C ≅ 3.39Ω/km Measured value at 30°C 3.15 Ω /km Rated current at 60°C 70A</p>						
Marking		Mechanical Characteristics						
<p>▲ TÜV PHOTOVOLTAIC CABLE H1Z2Z2-K 1x6.0mm2 1000VAC 1500VDC -40°C R50344941 (EN50618) NINGBO FOLLOWRAY SPECIAL CABLE CO.,LTD</p>		<p><b>Test Object INSULATION</b> Test Material XLPE <b>Before Aging</b> Tensile Strength (N/mm<sup>2</sup>) ≅ 8 Elongation (%) ≅ 125 <b>After Aging ( 150±1°C x 168 hrs )</b> Tensile Strength (N/mm2) .-30% variation, maximum Elongation (%) .-30% variation, maximum</p> <p><b>Test Object JACKET</b> Test Material XLPE <b>Before Aging</b> Tensile Strength (N/mm<sup>2</sup>) ≅ 8 Elongation (%) ≅ 125 <b>After Aging ( 150±1°C x 168 hrs )</b> Tensile Strength (N/mm2) .-30% variation, maximum Elongation (%) .-30% variation, maximum</p> <p><b>Bending Test ( -40°C ±1°C ×16 H )</b> No Crack <b>Other Test</b> EN50618:2013</p>						
Marking Color		<th data-bbox="1429 1098 2125 1134">Environmental Data</th>	Environmental Data					
<p>Black jacket use white color coding Red jacket use Black color coding</p>		<p>Meet environmental hazardous substances limit regulations (Ref. Std. REACH173): Cd&lt;5ppm, Pb&lt;50ppm.; Halogen free</p>						
Description		<p style="text-align: center;"> <b>NINGBO FOLLOWRAY SPECIAL CABLE CO.,LTD.</b></p> <p>Address: No.38 HuiMao Road,Economic &amp; Technological Development Zone FengHua City ,ZheJiang Province,China Tel:86-574-88950755 Fax:86-574-88918667 E-mail:sales@by-solartech.com Http://www.by-solartech.com</p>						
Reference Standard		<table border="1" style="width: 100%;"> <tr> <td style="width: 33%;">Approved By</td> <td style="width: 33%;">Checking By</td> <td style="width: 33%;">Design By</td> </tr> <tr> <td></td> <td style="text-align: center;"><b>沈铨</b></td> <td style="text-align: center;"><b>李志辉</b></td> </tr> </table>	Approved By	Checking By	Design By		<b>沈铨</b>	<b>李志辉</b>
Approved By	Checking By	Design By						
	<b>沈铨</b>	<b>李志辉</b>						
Application								
<p>Used for interconnection wiring of grounded and ungrounded photovoltaic power systems</p>								