

## Solar Cable PV1-F Technical Data Sheet



Rated voltage	Max. conductor temperature	Min. temperature of installation	Min. internal bending radius
DC 1500V	90°C	-40°C	6 x OD

<u>Conductors:</u>	Class 5 Annealed tinned copper to IEC 60228
<u>Insulation:</u>	Cross-linked polyolefin (XLPO)
<u>Sheath:</u>	Cross-linked polyolefin (XLPO), Black
<u>Standards:</u>	EN50618, IEC60332-1, IEC61034, IEC60754
<u>Application:</u>	This solar cable is intended for use in photovoltaic power supply systems

Size (Cores x mm)	Approx weight (kg/km)	Diameter of single wire (mm)	Min. average thickness of insulation (mm)	Min. average thickness of outer sheath (mm)	Diameter of insulated (mm)	Overall diameter (mm)	Conductor resistance @ 20°C (Ω/km)	Current rating @ 30°C (A)
1 x 4	61	56/0.3	0.7	0.8	4.0	5.6	5.09	44
1 x 6	90	84/0.3	0.7	0.8	4.5	6.2	3.39	57