

SM Solar Pte Ltd

11 Woodlands Close #08-25 Woodlands 11 Singapore 737853
Website: www.smsolar.com.sg Tel: +65-98203376 Fax: +65-67622478
Business Registration No. & GST No.: 201605439C

Product Features

number: FGGF×004

1、Product name: Solar PV cable

2 PfG 1169 PV1-F

2、Approvals: TUV 2PfG 1169 PV1-F

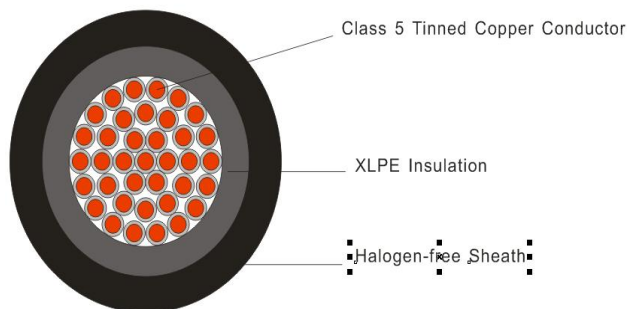
3、Product standard: 1x4mm²

4、Rated Voltage: 0.6/1KV (AC) 1/1.8KV(DC)

5、Environmental temperature: -40℃~90℃

6、Application standards: 2PfG1169.08.07

7、The details of the solar pv cable technical specification:



Project		Standard requirements
Conductor	Conductor structure	Class 5 Tinned copper conductor
	Material	Tinned copper wire (TXR)
	Number of wires in conductor	56/0.3
	Conductor OD (mm)	2.58
Insulation	Material	Polyolefin copolymer electron-beam cross-linked
	Average.Wall Thickness of insulation (mm)	0.85
	Min.Wall Thickness of insulation (mm)	0.68
	Insulation OD(mm)	4.3
	Color	☐ Black ☐ Red ☐ White ☐ Blue
Sheath	Material	Polyolefin copolymer electron-beam cross-linked
	Average.Wall Thickness of sheath (mm)	0.9
	Min.Wall Thickness of sheath (mm)	0.72
	Sheath OD(mm)	6.15
	Color	☐ Black ☐ Red ☐ White ☐ Blue
Max. Resistance AC20oC ohm/ km		4.75
60oCA Ampacity (60oCA) (A)		55
logo	Printing	TUV 2PfG 1169 PV1-F 1X**mm ²