

PV1-F Solar Cable - High-Quality Cable For Solar Panel Installations

JOCA - LEADING MANUFACTURER OF 4MM PV1 F SOLAR CABLES

- Rooftop/Floating PV Power Plants
- CPR/TUV/UL/IEC/CE/Ad8 Certified and 25 Years Lifetime
- Optimal for Harsh Indoor and Outdoor Conditions after Electron Bombardment
- Suitable With all major solar connectors
- It is available within 200km in seven days.
- Quick Quote Online & Support The Free Samples

⌚ Fast Sample Processing with Customized Solutions

👍 High-Quality Materials

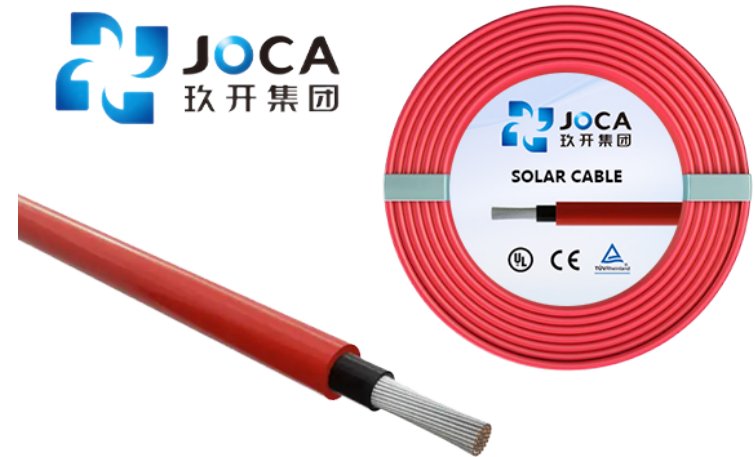
\$ Affordable Price Options

🌐 Global Delivery

🔒 For better data protection, make sure that all uploads are secure

GET AN INSTANT QUOTE

Save at least 30% on average



PV1-F Solar Cable

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PV1-F Solar Cable Specifications

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Cable Construction	
Conductor	Tinned copper, electrical property & Structure in accordance with EN60228 Class 5.
Insulation	LSZH electron-beam cross-linked Polyolefin copolymer ROHS material, prior color black or as per customer's request.
Outer Sheath	LSZH & UV-resistant electron-beam cross-linked Polyolefin copolymer ROHS material, prior color black or as per customer's request.
Technical Specification	
Nominal Voltage	UO/U 0.6/1KV(AC)/ 1KV(DC)
Test Voltage	No break down at 6.5kv(AC)50HZ 5min & 20°C±0.5/15kv(DC)5min 20°C±0.5
Temperature Rating connectors	Working temperature -40°C ~ +90°C,Max conductor temperature 125C(continuously20h),Allowable short circuit temperature 200°C in 5second
Service Life	Expected life spanz25 years
Bending Radius	Fixed installation>4D, Occasionally moved>5D
Material Properties/Standards	
Fire-resistant Performance	IEC 60332-1
Gas Emission	IEC 61034 ; EN50268-2
Low fire load	DIN 51900

Cable Construction	
Approvals	TUV 2PFG 1169/08.2007 PV1-F
UNE211 23	UNE 20.460-5-52,UTE C 32-502

Dimensions/Parameters

Search						
Construction	Conductor Construction	Insulation Nominal Thickness	Sheath Nominal Thickness	Outer diameter	ConductorResistance at 20°C Max	Current Carrying Capacity
n×mm2	n×mm	mm	mm	mm	Ω/Km	A
1×2.5	49x0.24	≥0.5	≥0.5	5.2	8.21	41
1×4.0	56×0.28	≥0.5	≥0.5	5.9	5.09	55
1×6	84×0.28	≥0.5	≥0.5	6.2	3.39	70
1×10	77x0.39	≥0.5	≥0.5	7.3	1.95	98
1x16	126x0.39	≥0.5	≥0.5	8.5	1.24	132

Solar Cable PV1 F TUV Certifications