

PV 1500V DC-AL Single Core

DC1500V 2PFG 2642 PV1500DC-AL-K ALUMINUM ALLOY SOLAR CABLE

- Ground/ Rooftop/ Floating PV Power Plant Application.
- 25 Years Lifetime & TUV/UL/IEC/CE/Ad8/CPR Certificates
- Suitable for Harsh Indoor and Outdoor Environments after Electron Irradiation
- Compatible with All Major Solar Connectors
- Delivery in 7 days within 200km

⌚ Fast Sample Processing with Customized Solutions

👍 High-Quality Materials

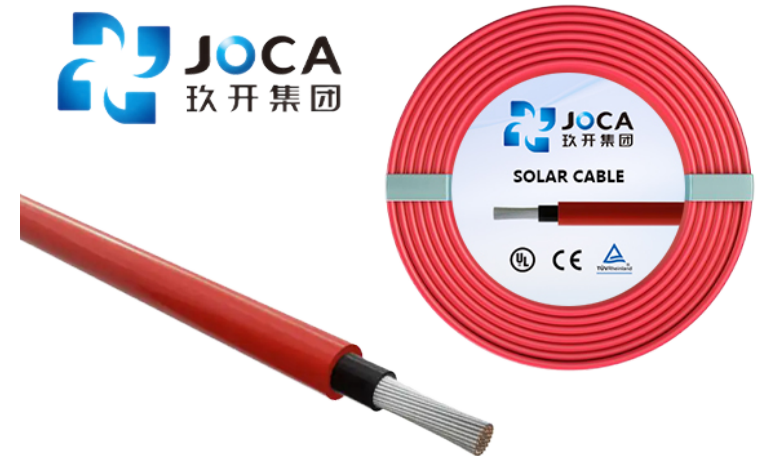
\$ Affordable Price Options

🌐 Global Delivery

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

GET AN INSTANT QUOTE

Save at least 30% on average



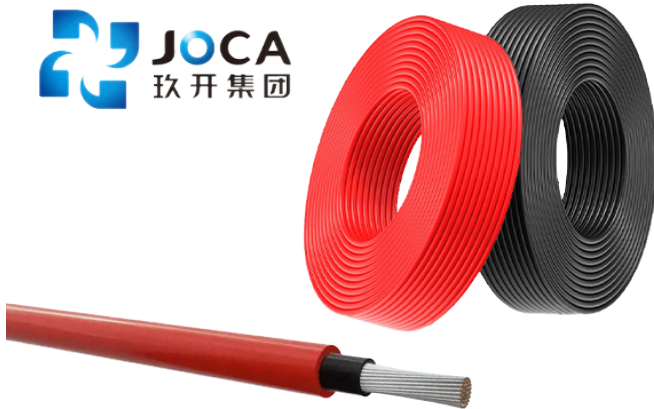
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Product Description

PV 1500V DC-AL Single Core : Product Description and Specifications

The Aluminum Alloy **Solar Cable** DC1500V 2PFG 2642 PV1500DC-AL-K is a flexible and reliable solution for interconnecting photovoltaic solar systems. This cable complies with the UL4703, IEC62930, EN50618, Ad8 and CPR standards among other international certifications such as TUV, UL, IEC and CE. So perfect for large-scale **solar power** stations; rooftop solar installations; water-surface floating power stations – it can be used on different types of roofs: desert sandy roofs, lakefront roofs or even mountain tops where there is snow in winter. The cable guarantees stable connections which enhance the life span of your PV system and increase its output capability while saving money on running expenses.



Advantages

PV 1500V DC-AL Single core: Benefits and Features

- a.Minimize the weight of cables.
- b.It's long lasting as it can resist external environment such as ozone, acid and alkali environment, and environmental climate for 25 years.
- c.Reduced installation costs, direct burial and multi-component series-parallel connections.
- d.Carrying capacity meets the requirements.
- e.Aluminum conductors meet Copper-aluminum connection safety mechanical properties standards.
- f.Copper-Aluminium joint connectors, plus cable jointings

PV 1500V DC-AL Single Core Specifications



Cable Construction

Conductor	2 PFG 2642 fifth aluminum alloy flexible conductor
Insulation	LSZH cross-linked Polyolefin(120℃)
Outer Sheath	LSZH cross-linked Polyolefin(120℃)
Sheath color	Black/Red
Nominal Voltage	DC1500V
Test Voltage	AC6.5kV/5min or DC15kV/5min without breakdown Conductor maximum working temperature when air laying:120℃/2000h
Conductor long-term working temperature	90℃
Ambient temperature	-40℃~+90℃
Maximum short circuit temperature	≤250℃/5S
Expected service life	25 years
Bending radius	6×D
Fire performance	IEC 60332-1
Salt spray emission	IEC 61034;EN 50268-2
Low fire load	DIN 51900
Product certification	TUV 2 PFG 2642/01.22