

DIGITUS® Solar cable installation 20m, 6mm², red, PV cable 1500V DC, UV-resistant & weatherproof

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Solar Installation cable, H1Z2Z2-K, 6sqmm, PV 20m, red, solarpanel, inverter, chargecontroller

The high-quality solar cable with 6mm² cross-section and 20m length is the ideal connection solution for photovoltaic systems and solar systems. It is ideal for use between solar modules, inverters and other components thanks to its high dielectric strength of DC 1500V / AC 1kV. The tinned copper conductor offers optimum conductivity and excellent corrosion protection. The robust XLPO insulation provides reliable protection against UV radiation, heat, ozone and moisture. The cable is flexible, abrasion-resistant and temperature-resistant from -40°C to +90°C. It meets the requirements of the EN 50618:2014 standard and is flame-retardant, which ensures additional safety. With a conductor resistance of 3.39Ω/k and an insulation resistance of 500 MΩ·km, it enables low power losses and high operational safety. The solar cable is weatherproof, durable and environmentally friendly - ideal for long-term outdoor use in professional and private PV projects.

Safe, efficient and flexible - this solar cable is the ideal solution for all indoor and outdoor photovoltaic projects.

- Tinned copper wire
- Flexible conductor structure (TS 84/0.285 mm)
- Diameter of the conductor: 3.0 mm
- XLPO jacket (outer shell)
- Diameter of the insulation: 4.4 mm ±0.1 mm
- Outer diameter: 6.1 mm ±0.2 mm
- Rated voltage: DC 1500V / AC 1kV
- Conductor resistance: 3.39 Ω/km (at 20°C)
- Insulation resistance: 500 MΩ·km (at 20°C)
- Dielectric strength: AC 6.5kV / DC 15kV (5 minutes)
- Spark test: 7kV
- Operating temperature: -40°C to +90°C
- Flame retardant according to EN50618:2014
- Coat color: Red

Package contents

- Cable ring 20m, red

| Logistics | | | | | | |
|------------------------------|--------------|-------------|------------|------------|-------------|-----------------|
| | Number (pcs) | Weight (kg) | Depth (cm) | Width (cm) | Height (cm) | cm ³ |
| Packaging Unit Carton | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Packaging Unit Inside | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Packaging Unit Single | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Net single without Packaging | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

More images:



Solar Installation Cable

H1222-K
20 / 50m, 6mm²

25 years long life

XLPO sheath UV resistant Waterproof

Temperature resistant (-40 to +90 degree) Flexible & easy to install

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Product parameter

| | |
|----------------------|---------------------------------------------|
| Product name | Solar installation cable |
| Cable specifications | 20m 6mm ² / 50m 6mm ² |
| Conductor | Tinned copper |
| Rated current | 30A |
| Rated voltage | DC 1500V / AC 1kV |
| Insulation material | XLPO |
| Weather resistance | UV |
| Conductor resistance | ≤3.39 Ω/km (at 20°C) |
| Temperature range | -40°C to +90°C |
| Life time | 25 years |

Versatile in use

- ✓ Flame resistant according to EN 50618:2014
increased safety for PV systems
- ✓ DC 1500V voltage
Perfect for high power requirements in PV systems
- ✓ Long service life of up to 25 years
Designed for maximum usability and efficiency

Ideal for photovoltaic & solar systems

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