

DIGITUS Solar cable installation 50m, 6mm², black, PV cable 1500V DC, UV-resistant & weatherproof

DK-SCIC6B-0500
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Solar Installation cable,H1Z2Z2-K,6sqmm,PV 50m,black,solarpanel,inverter,chargecontroller

The high-quality solar cable with 6mm² cross-section and 50m 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 $\leq 3.39 \Omega/k$ and an insulation resistance of $\geq 500 M\Omega \cdot km$, 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: $\leq 3.39 \Omega/km$ (at 20°C)
- Insulation resistance: $\geq 500 M\Omega \cdot km$ (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 EN50618:2015
- Coat color: Black

Package contents

- Cable ring 50m, black

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm ³
Packaging Unit Carton	25	15.80	29.00	25.00	24.00	17,400.00
Packaging Unit Inside	1	632.00	0.00	0.00	0.00	0.00
Packaging Unit Single	1	632.00	23.00	23.00	7.00	3,703.00
Net single without Packaging	0	3,845.00	23.50	23.50	7.50	4,141,880.00

More images:



Product parameter

Product name	Solar installation cable
Cable specifications	20m 6mm² / 50m 6mm²
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

