DIGITUS® Solar Cable, 50 m, 6 mm², Black, PV Cable, 1,500 V DC, UV-Resistant & Weatherproof

DK-SCIC6B-0500

EAN 4016032490753



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

This high-quality solar cable, with a cross-sectional area of 6 mm² and a length of 50 m, is the ideal connection solution for photovoltaic installations and solar systems. It is ideally suited for use between solar modules, inverters, and other components, thanks to its high voltage resistance of DC 1500V / AC 1kV. The tinned copper conductor provides optimal 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, ensuring additional safety. With a conductor resistance of ⊠3.39 ⊠/k and an insulation resistance of ⊠500 M⊠·km, it ensures low power losses and high operational reliability. The solar cable is weather-resistant and durable—ideal for long-term outdoor use in professional and residential PV projects.

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

- Tinned Copper Wire
- Flexible conductor assembly (TS 84/0.285 mm)
- Conductor diameter: 3.0 mm
- XLPO Jacket (Outer Shell)
- Insulation diameter: 4.4 mm ±0.1 mm
- Outer diameter: 6.1 mm ±0.2 mm
- Rated voltage: DC 1,500 V / AC 1 kV
- Conductor resistance: ⊠3.39 ⊠/km (at 20°C)
- Insulation resistance: ⊠500 M⊠·km (at 20°C)
- Dielectric strength: AC 6.5 kV / DC 15 kV (5 minutes)
- Spark test: 7 kV
- Operating temperature: -40°C to +90°C
- Flame-retardant in accordance with EN 50618:2014
- Coat color: Black

Package contents

- 50-meter Cable Loop, Black

Logistics

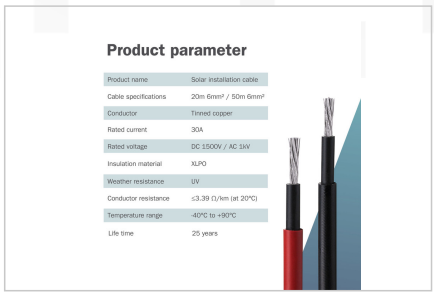
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	25	15.80	29.00	25.00	24.00	17,400.00
Packaging Unit Inside	1	632.00	0.00	0.00	0.00	0.00
Packaging Unit Single	1	632.00	23.00	23.00	7.00	3,703.00
Net single without Packaging	0	3,845.00	23.50	23.50	7.50	4,141,880.00

Druckfehler, Irrtümer und technische Änderungen sind vorbehalten. | Printing errors, falsities and technical changes remain reserved.

More images:




Solar
Installation
Cable
H1Z2Z2-K
20/50m, 6mm²
XLPO sheath
Tinned
Copper
25 years long life
XLPO sheath
UV resistant
Waterproof
Temperature resistant
(-40 to +90 degree)
Flexible & easy to install
DIGITUS


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


Versatile in use
Flame retardant 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 durability and efficiency


Ideal for photovoltaic & solar systems
DIGITUS