DIGITUS® Solar cable extension 5 m, 6 mm², MC4 connection, PV cable 1500 V DC, UV-resistant & weatherproof, 2 cables, 1x black, 1x red

DK-SCEC66-0050

EAN 4016032501817



Solar Extension cable, 6 sqmm, MC4 connector 5m,6sqmm,halogen-free,UV-res.,flex,IP67,2pcs

This high-quality solar cable for extension with pre-assembled MC4 connectors at both ends has been specially developed for use in photovoltaic systems. With a conductor cross-section of 6 mm², a length of 5 m and a dielectric strength of up to 1500 V DC, it is ideal for connecting solar modules, inverters or other PV components. The cable consists of a tinned copper conductor, which ensures optimum current transmission and reliable corrosion protection. The resistant XLPO insulation and robust PA66 jacket offer excellent protection against UV radiation, moisture, ozone and mechanical stress. Thanks to the pre-assembled MC4 connections, the cable is ready for immediate use and can be installed effortlessly - ideal for DIY solar projects or professional PV installations. With an operating temperature range of -40 °C to +85 °C, flame-retardant properties (UL94 V-0) and a contact resistance of ⊠ 0.5 ⊠, this cable guarantees maximum safety, efficiency and durability - even in demanding weather conditions.

Safe, efficient and ready to use - this solar cable extension with MC4 connections is the perfect plug-and-play solution for all indoor and outdoor photovoltaic projects.

- Length: 5m
- Conductor cross-section: 6mm²
- Voltage tolerance: up to 1500V DC / 1000V AC
- Rated current: 30 A
- Conductor material: Tinned copper wire
- Conductor structure: TS 84/0.285 mm
- Conductor diameter: 3.0 mm
- Insulation material: XLPO
- Jacket material: XLPO
- Plug material: PPE, PA 66, halogen-free
- Insulating diameter: 4.4 mm ±0.1 mm
- Outer diameter: 6.1 mm ±0.2 mm
- Temperature range: -40 °C to +85 °C
- Contact resistance: ⊠ 0.5 ⊠
- Insulation resistance: ⊠ 500 M⊠-km
- Dielectric strength: AC 6.5 kV / DC 15 kV (5 minutes)
- Spark test: 7 kV
- Standards & certificates: CEEN 50618, EN 60332-1-2 (Eca) , EN 62852: 2015, UL94 V-0
- Coat color: 1x black, 1x red
- Connection 1: MC4 plug
- Connection 2: MC4 socket
- IP 65 /68 certified

Package contents

- Pair of 2 solar cables, 1x black, 1x red

Logistics

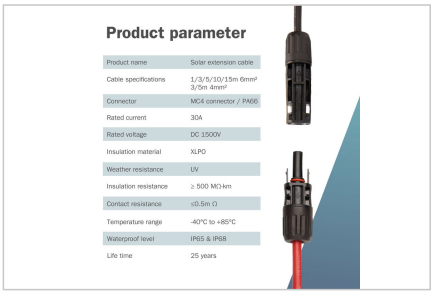
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	18	16.00	50.00	28.00	28.00	39,200.00
Packaging Unit Inside	1	0.89	0.00	0.00	0.00	0.00
Packaging Unit Single	1	0.89	19.00	19.00	7.00	2,527.00
Net single without Packaging	0	829.00	19.50	19.50	7.00	2,661.75

More images:




Solar
Extension
Cable
Security lock
MC4 conntector
1/3/5/10/15m, 6mm²
25 years long life
Waterproof
sealing ring
PPE insulation
UV resistant
Waterproof
Temperature resistant
(-40 to +85 degree)
Flexible & easy to install
DIGITUS


MC4 solar connector
Flexible & easy to install
PPE insulation
IP65 & IP68 waterproof
Safety-Lock design
The MC4 connectors are easy to connect. The sophisticated product design (safety-lock design) prevents the connectors from accidentally coming loose.


Product parameter
Product name
Solar extension cable
Cable specifications
1/3/5/10/15m 6mm²
3/5m 4mm²
Connector
MC4 connector / PA66
Rated current
30A
Rated voltage
DC 1500V
Insulation material
XLPO
Weather resistance
UV
Insulation resistance
≥ 500 MΩ·km
Contact resistance
≤0.5m Ω
Temperature range
-40°C to +85°C
Waterproof level
IP65 & IP68
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


DIGITUS
Safe, efficient and ready to use
This solar cable extension with MC4 connections is the perfect plug-and-play solution for all indoor and outdoor photovoltaic projects.
1-15m, 4mm²/6mm² copper conductor, tin-plated
For maximum conductivity and corrosion protection
CE and EN 50618, EN 60332-1-2 (Eca)
EN 62852: 2015 certified
Approved for international use
MC4 connector pre-assembled
Can be connected quickly, safely and without tools


Ideal for photovoltaic & solar systems
DIGITUS


Sophisticated product design for a reliable connection
Self-Lock-Connection
Waterproof sealing ring
DIGITUS