

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

DK-SCEC66-0010

EAN 4016032501794



Solar Extension cable, 6 sqmm, MC4 connector 1m, 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 1 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 $\leq 0.5 \text{ m}\Omega$, this cable guarantees maximum safety, efficiency and durability - even in demanding weather conditions.

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

- Length: 1m
- 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 \pm 0.1 mm
- Outer diameter: 6.1 mm \pm 0.2 mm
- Temperature range: -40 °C to +85 °C
- Contact resistance: $\leq 0.5 \text{ m}\Omega$
- Insulation resistance: $\geq 500 \text{ M}\Omega\text{-km}$
- 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)	cm ³
Packaging Unit Carton	50	11.61	50.00	28.00	28.00	39,200.00
Packaging Unit Inside	1	0.23	0.00	0.00	0.00	0.00
Packaging Unit Single	1	0.23	18.00	21.50	3.00	1,161.00
Net single without Packaging	0	215.00	18.50	22.00	3.50	1,424.50


More images:



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

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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 connector from accidentally pulling loose.

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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

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Ideal for photovoltaic & solar systems

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Solar Extension Cable

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

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Solar Extension Cable

Security lock



MC4 connector
1/3/5/10/15m, 6mm²

25 years long life

Waterproof sealing ring

- PPE insulation
- UV resistant
- Waterproof
- Temperature resistant (-40 to +85 degrees)
- Flexible & easy to install

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Product parameter

Product name	Solar extension cable
Cable specifications	1/3/5/10/15m 6mm ² 3/5m 4mm ²
Connector	MC4 connector / PMS
Rated current	30A
Rated voltage	DC 1500V
Insulation material	NLPO
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



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