

# DIGITUS® Solar cable extension 1 m, 6 mm<sup>2</sup>, 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 mm<sup>2</sup>, 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: 6mm<sup>2</sup>

- 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 <sup>3</sup>
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:



### Solar Extension Cable

MC4 connector  
1/3, 5/10, 15m, 6mm<sup>2</sup>

25 years long life

Waterproof sealing ring

Security lock

PPE insulation

UV resistant

Waterproof

Temperature resistant (-40 to +85 degree)

Flexible & easy to install

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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 connectors from accidentally coming loose.

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### Product parameter

Product name	Solar extension cable
Cable specifications	1/3, 5/10, 15m, 6mm <sup>2</sup> 3, 5m, 4mm <sup>2</sup>
Connector	MC4 connector / PAB0
Rated current	30A
Rated voltage	DC 1500V
Insulation material	XLPO
Weather resistance	UV
Insulation resistance	> 500 MΩ·km
Contact resistance	< 5mΩ
Temperature range	-40°C to +85°C
Waterproof level	IP65 & IP68
Life time	25 years

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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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### 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, 4mm<sup>2</sup>/6mm<sup>2</sup> 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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### Ideal for photovoltaic & solar systems

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### Sophisticated product design for a reliable connection

Self-Lock-Connection

Waterproof sealing ring

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