

# DIGITUS® Solar cable extension 10 m, 6 mm<sup>2</sup>, MC4 connection, PV cable 1500 V DC, UV-resistant & weatherproof, 2 cables, 1x black, 1x red

DK-SCEC66-0100

EAN 4016032501824



### Solar Extension cable, 6 sqmm, MC4 connector 10m, 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 10 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 to use - this solar cable extension with MC4 connections is the perfect plug-and-play solution for all indoor and outdoor photovoltaic projects.**

- Length: 10m
- 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

#### 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	20	16.10	50.00	28.00	28.00	39,200.00
Packaging Unit Inside	1	805.00	0.00	0.00	0.00	0.00
Packaging Unit Single	1	805.00	9.00	9.00	21.00	1,701.00
Net single without Packaging	0	1,598.00	9.00	9.00	21.50	1,741.50

More images:



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

**Ideal for photovoltaic & solar systems**



**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.

1-1.5m, 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

**Versatile in use**



- ✓ Flame resistant 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 usability and efficiency

**Product parameter**

Product name	Solar extension cable
Cable specifications	1/3/5/10/15m 6mm <sup>2</sup> 2.5m 4mm <sup>2</sup>
Connector	MC4 connector / PA66
Rated current	30A
Rated voltage	DC 1500V
Insulation material	XLPO
Weather resistance	UV
Insulation resistance	≥ 500 MΩ km
Contact resistance	< 0.5mΩ
Temperature range	-40°C to +85°C
Waterproof level	IP65 & IP68
Life time	25 years

**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.

**Solar Extension Cable**

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

25 years long life

Security lock

Waterproof sealing ring

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

