



**Article number:** 221 518  
**Description:** Module coupling - 1/10

**Content:**  
10 x 1 m  
Solar cable with aluminium lug and MC plug  
  
10 x 1 m  
Solar cable with aluminium lug and MC socket

### Module coupling – 1/10

The **module coupling – 1/10** can be used as a fitted solar cable for professional and secure connection of PV standard modules with terminal boards or inverters with terminal screws to the MC-T3 plug system.

Special black solar cable, single-wire, type H07RN-F. Double insulated with polyolefin copolymer cross-linked by irradiation.

### Features

- Quick, cost-effective assembly
- Simple installation
- Stable, double-insulated solar cable
- Protected against reverse polarization

### Solar cable

**Description:** Heavy rubber sheathed cable H07RN-F  
**Design:** 1 x 4 mm<sup>2</sup> (single-wire)  
**Colour:** Black, red "TITANEX 11" imprint  
**Insulation:** Double wire insulation made from cross-linked elastomer  
**External diameter:** Min. 7.2 mm  
Max. 9.0 mm  
**Weight:** 94 g/m  
**Strands:** 48 x 0.33 mm (number x ø)  
**Conductor resistance:** 4.95 Ω/km (20 °C)  
**Rated current:** Max. 20 A (ambient temperature: +30 °C)  
**Operating voltage:** 750 V (laid loose)  
1000 V (permanently placed)

**Operating temperature range:**  
-60 °C to +85 °C permanently placed  
-35 °C to +85 °C laid loose

**Smallest permitted bending radius/cable diameter [d]:**  
Permanently placed: 3 x d  
Laid loose: 6 x d  
Laid loose: 12 x d (< -25 °C)

**Standards:** DIN VDE 0282  
HD 22 S 2  
IEC 245-66