



Article number:	221 143
Description:	String cable - 5
Length:	5 m
Content:	1
Article number:	221 144
Description:	String cable - 5/5
Length:	5 m
Content:	5
Article number:	221 145
Description:	String cable - 10
Length:	10 m
Content:	1
Article number:	221 146
Description:	String cable - 10/5
Length:	10 m
Content:	5
Article number:	221 147
Description:	String cable - 20
Length:	20 m
Content:	1
Article number:	221 148
Description:	String cable - 20/5
Length:	20 m
Content:	5

String cable

The **string cable** can be used as a fitted solar cable for quick, secure connection of electrical operating materials under extreme mechanical and thermal loads.

The UV-resistant solar cable has fitted **MC-T3 couplings** (3 mm plug system, socket/plug).

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 mm² (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