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 mm^2 (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