

Solarcable 90 E (POLYOLEFINE)

Cable for photovoltaic systems



Cable structure

- Stranded tinned copper conductor according to DIN VDE 0295 and IEC 60228 - CEI 20-29
- Core insulation of cross-linked polyolefine
- Outer sheath of cross-linked polyolefine
- Sheath color black, red (other colors are available on request)
- UV resistance, flame-resistant according to IEC 60332-1
- Halogen-free

Technical data

- Operating temperature range

fixed
flexing

from -40 °C to +90 °C
from -10 °C to +90 °C

- Nominal voltage U₀/U

a.c. 0,6/1 kV
d.c. 0,9/1,5 kV

- Test voltage a.c.

6500 V

- Insulation resistance

min. 20 Mohm/km at 20°C

- Minimum bending radius

6 x cable diameter

Application

This cable is special designed for connection of solar panels. Resistant against: ozone, UV radiation, weather influences. The cable is not suitable for direct burial in earth.

Note

CE = the product is conformed with the EC Low-Voltage Directive 73/23/EEC.
Conforms to RoHS.

Addition number to order code

- 1 - black
- 2 - red
- 3 - blue

Part no.	Number of core: × core cross section [mm ²]	Approx. outer Ø [mm]	Copper weight [kg/km]	Approx. cable weight [kg/km]
0703913-	1 x 2,5	4,6	24	36
0703923-	1 x 4	4,9	38	51
0703933-	1 x 6	5,5	58	70
0703943-	1 x 10	6,7	96	115