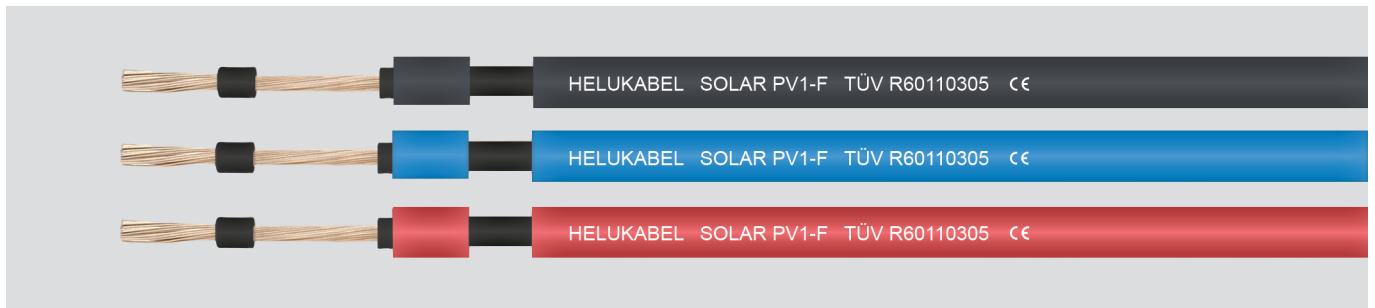


SOLAR PV1-F



Technical data

- **Temperature range**
-40°C to +90°C
max. temperature at conductor +120°C
- **Short circuit temperature**
200°C (short circuit duration up to 5 s)
- **Nominal voltage**
AC 0,6/1,0 kV
DC 1,8 kV
- **Test voltage**
AC 6,5 kV
- **Minimum bending radius**
fixed installation 5x cable Ø

Cable structure

- Tinned copper conductor, to DIN VDE 0295 cl.5, fine wire, IEC 60228 cl.5
- 1. Core insulation of special black cross-linked compound
- 2. Core insulation of special cross-linked compound
- Sheath colour: see table below

Properties

- Double-insulated
- complies protection class II

Tests

- Halogen-free acc. to EN 50267, IEC 60754
- Flame retardant to IEC 60332-1-2
- Smoke density to IEC 61034
- According to PV1-F requirement profile for PV cable DKE/VDE AK 411.2.3

Approvals

- TÜV Rheinland
TÜV R60110305

Application

The SOLAR PV1-F is used for cabling solar modules.

CE = Product conforms with Low-Voltage Directive 2014/35/EU.

Part no.	No. cores x cross-sec. mm ²	Sheath colour	Outer Ø app. mm	Cop. weight kg / km	Weight app. kg / km	AWG-No.
713032	1 x 2,5	black	5,0	24,0	41,0	14
713034	1 x 2,5	blue	5,0	24,0	41,0	14
713033	1 x 2,5	red	5,0	24,0	41,0	14
712939	1 x 4	black	5,7	38,4	55,0	12
713036	1 x 4	blue	5,7	38,4	55,0	12
713035	1 x 4	red	5,7	38,4	55,0	12
712940	1 x 6	black	6,5	57,6	82,0	10
713038	1 x 6	blue	6,5	57,6	82,0	10
713037	1 x 6	red	6,5	57,6	82,0	10
712941	1 x 10	black	7,9	96,0	123,0	8
713040	1 x 10	blue	7,9	96,0	123,0	8
713039	1 x 10	red	7,9	96,0	123,0	8

Dimensions and specifications may be changed without prior notice.