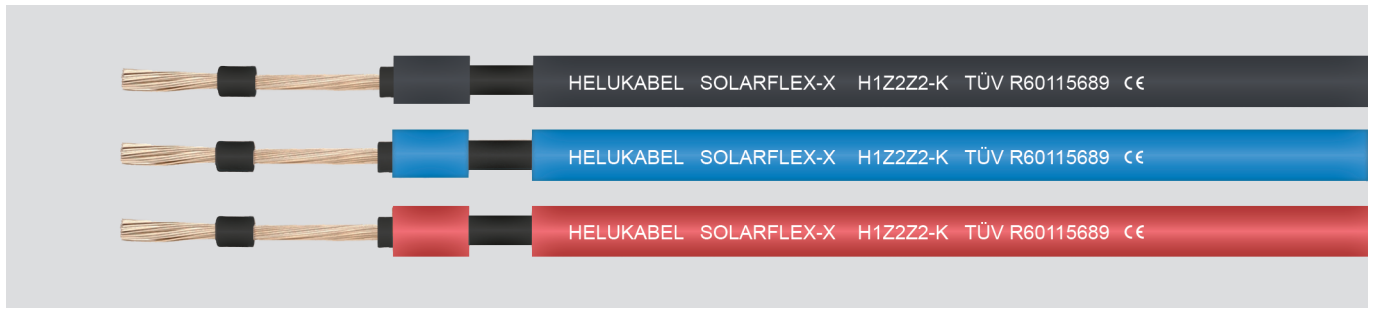


# SOLARFLEX®-X H1Z2Z2-K

1500 V DC, EN 50618



## Technical data

- **Temperature range**  
-40°C to +90°C  
max. temperature at conductor +120°C
- **Nominal voltage**  
AC 1,0/1,0 kV  
DC 1,5/1,5 kV
- **Maximum permissible DC voltage**  
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 cross-linked compound
- 2. Core insulation of special cross-linked compound
- Sheath colour: see table below

## Properties

- Double-insulated
  - complies protection class II
  - UV-resistant
  - Ozone resistant
- ### Tests
- Halogen-free acc. to EN 50267, IEC 60754
  - Flame retardant to IEC 60332-1-2
  - Smoke density to IEC 61034
  - Weathering/UV-resistance acc. to EN 50289-4-17 Method A
  - Ozon resistance acc. to EN 50396 Clause 8.1.3 Methode B

### Approvals

- EN 50618
- TÜV R60115689

## Application

The SOLARFLEX®-X is used for cabling solar modules.

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

Part no.	No. cores x cross-sec. mm <sup>2</sup>	Sheath colour	Outer Ø app. mm	Cop. weight kg / km	Weight app. kg / km	AWG-No.
713529	1 x 2,5	black	5,0	24,0	41,0	14
713544	1 x 2,5	blue	5,0	24,0	41,0	14
713543	1 x 2,5	red	5,0	24,0	41,0	14
713530	1 x 4	black	5,4	38,4	55,0	12
713546	1 x 4	blue	5,4	38,4	55,0	12
713545	1 x 4	red	5,4	38,4	55,0	12
713531	1 x 6	black	6,2	57,6	82,0	10
713570	1 x 6	blue	6,2	57,6	82,0	10
713569	1 x 6	red	6,2	57,6	82,0	10
713532	1 x 10	black	7,4	96,0	123,0	8
713572	1 x 10	blue	7,4	96,0	123,0	8
713571	1 x 10	red	7,4	96,0	123,0	8

Dimensions and specifications may be changed without prior notice.