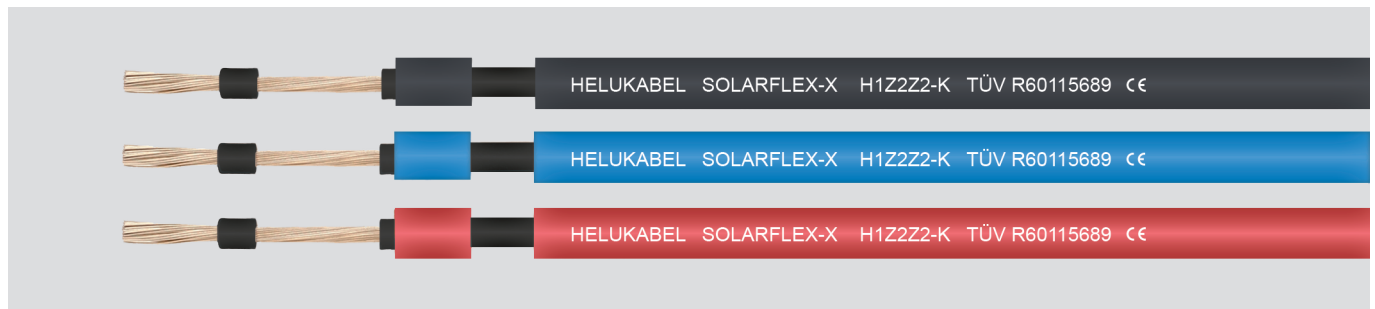


SOLARFLEX®-X H1Z2Z2-K

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
- **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

Tests

- Halogen-free acc. to EN 50267, IEC 60754
- Flame retardant to IEC 60332-1-2
- Smoke density to IEC 61034

Approvals

- EN 50618
TÜV Rheinland 2 PfG 1990/05.12
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 ² | 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.

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