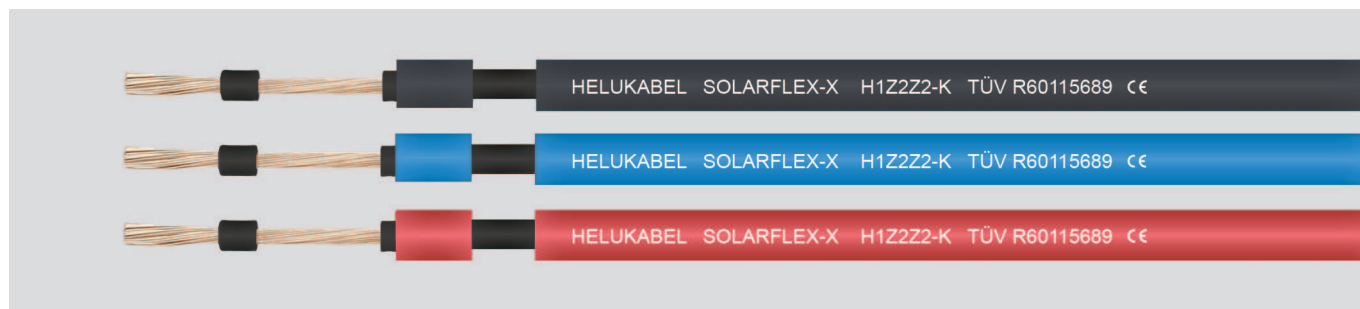


# SOLARFLEX®-X H1Z2Z2-K

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. mm² | 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.