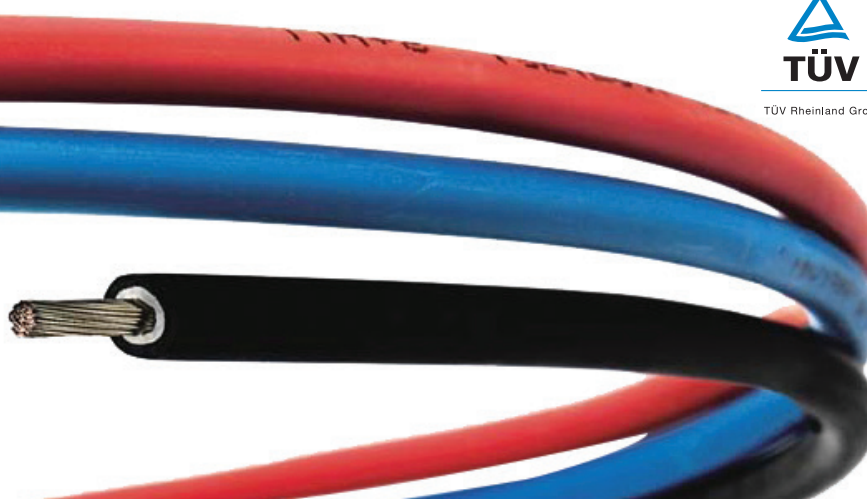


## KBE Solar DB EN 50618 H1Z2Z2-K



**NEW**  
EN 50618  
1500V DC



**\* Blue cable available on request**

KBE's solar product range covers standard cables, PV-cables for direct burial, and voltages up to 1500 V according to the newest standard H1Z2Z2-K according to the European norm EN 50618. Our cables are certified according to international standards EN 50618 (TÜV) or even Style 4703 (UL). KBE solar cables are suitable for installations in PV power plants, roof systems, wire harnesses, and panel manufacturing while meeting the expectations of distributors. The state-of-the-art production facilities guarantee a continuous cost optimisation.

KBE solar cables are TÜV certified "Made in Germany". The special cross-linked insulations exceed the test requirements to ensure long service time and high operating reliability. KBE solar cables are available in many different outer diameters making them compatible with almost all connectors and junction boxes. Resistance to termites and protection against rodents are also available on request for your individual needs!

Our capacity and short delivery time is outstanding while offering different packaging sizes to meet your individual requirements.

**Conductor**

- E-Cu tinned acc. IEC 60228 Class 5

**Insulation material**

- Cross-linked Special Polyolefin
- 36 Shore D
- Halogen free
- Weather- and UV-resistant
- Ozone resistant

**Jacket material**

- Cross-linked Special Polyolefin
- 36 Shore D
- Halogen free
- Weather- and UV-resistant
- Ozone resistant

**Temperature range**

- -40°C to +90°C
- Max. conductor temperature: 120°C

**Voltage rating**

- U / U = 600 / 1000V AC
- Max. 1800V AC (conductor-conductor, non earthed system, circuit not under load)

**Flame resistance**

- Acc. to DIN EN 60332-1-2

**Colours**

- Black, red, blue

**Guidelines & certificates**

- EN 50618, R60107612
- RoHS 2011/65/EU

## Ordering Information

Product Code	Cable Type	Colour	Cross Section	Conductor Design (N x Max.)	Insulation Thickness	A @ 60°C	Outer Ø
KBE 730250015002UUSW	Single core	Black	2,5mm <sup>2</sup>	50 x 0,26 Ømm	0,5mm	41A	5mm
KBE 730250015002UURT	Single core	Red	2,5mm <sup>2</sup>	50 x 0,26 Ømm	0,5mm	41A	5mm
KBE 730400015001UUSW	Single core	Black	4mm <sup>2</sup>	56 x 0,29 Ømm	0,5mm	55A	5,4mm
KBE 730400015001UURT	Single core	Red	4mm <sup>2</sup>	56 x 0,29 Ømm	0,5mm	55A	5,4mm
KBE 730600015003UUSW	Single core	Black	6mm <sup>2</sup>	80 x 0,31 Ømm	0,5mm	70A	6mm
KBE 730600015003UURT	Single core	Red	6mm <sup>2</sup>	80 x 0,31 Ømm	0,5mm	70A	6mm
KBE 731000015004UUSW	Single core	Black	10mm <sup>2</sup>	80 x 0,41 Ømm	0,5mm	98A	7,1mm
KBE 731000015004UURT	Single core	Red	10mm <sup>2</sup>	80 x 0,41 Ømm	0,5mm	98A	7,1mm
KBE 731600015001UUSW	Single core	Black	16mm <sup>2</sup>	120 x 0,41 Ømm	0,5mm	132A	8,1mm
KBE 731600015001UURT	Single core	Red	16mm <sup>2</sup>	120 x 0,41 Ømm	0,5mm	132A	8,1mm
KBE 732500015001UUSW	Single core	Black	25mm <sup>2</sup>	196 x 0,41 Ømm	0,7mm	176A	10,5mm
KBE 732500015001UURT	Single core	Red	25mm <sup>2</sup>	196 x 0,41 Ømm	0,7mm	176A	10,5mm

1000m drums available in 4 and 6mm<sup>2</sup>