

Rated Voltage AC 1.0/1.0kV & DC 1.5kV H1Z2Z2-K Solar Cable

1. **Cable type:** TinnedCU/LSOH/LSOH

2. **Reference standard:** EN 50618, EN 60228

3. **Application:**

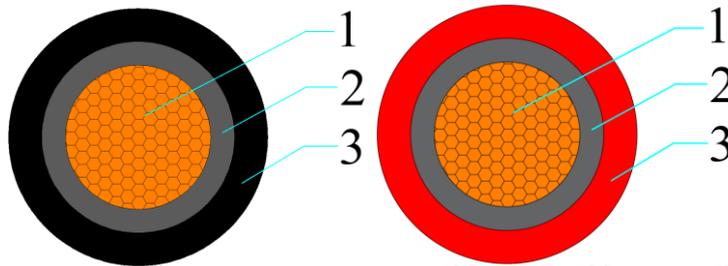
Maximum sustained conductor temperature during operation: 120°C (20000h)

Maximum conductor temperature during short circuit(5s): 250°C

Lowest allowable temperature during installation(ambient and cable): -25°C

Lowest allowable temperature during operation(ambient): -40°C

4. **Construction:**



1	Conductor	Class 5, tinned annealed circular flexible copper conductor
2	Insulation	Cross-linked halogen free material, Black
3	Outer Sheath	Cross-linked halogen free material, Black or Red

5. **Cable marking on sheath as listed below, or as purchase order contract:**

EN 50618	H1Z2Z2-K	1X4mm ²	Jiangsu Hengtong Power Cable Co., Ltd.
EN 50618	H1Z2Z2-K	1X6mm ²	Jiangsu Hengtong Power Cable Co., Ltd.
EN 50618	H1Z2Z2-K	1X10mm ²	Jiangsu Hengtong Power Cable Co., Ltd.

6. **Technical particulars:**

ITEM		H1Z2Z2-K	H1Z2Z2-K	H1Z2Z2-K
Conductor	Size (mm ²)	4	6	10
Insulation	Min. Average Thickness (mm)	0.7	0.7	0.7
	Min. Thickness (mm)	0.53	0.53	0.53
Sheath	Min. Average Thickness (mm)	0.8	0.8	0.8
	Min. Thickness (mm)	0.58	0.58	0.58
	OD(mm)	5.80±0.25	6.40±0.25	7.30±0.25
Max. Conductor DC Resistance at 20°C (Ω/km)		5.09	3.39	1.95