

# Twin Solar Cable



## Applications:

In a solar power system of rated voltage  $U_0=1.5KV$ , PV cables are used to connect between solar panels and inverters.

## General Construction:

**Conductor:** Soft tinned annealed copper according to IEC 60228, class 5

**Insulation:** XLPE, flame retardant, halogen free, E-Beam cross-linked compounds

**Outer jacket:** XLPE, flame retardant, halogen free, E-Beam cross-linked compounds

**Rated voltage:**  $U_0=1.5kV$  DC

**Test voltage:** 6.5KV AC 5min

**Bending radius:** Fixed setting :  $>4 \times \varnothing$  Moves on occasion :  $>5 \times \varnothing$

**Working temperature:**  $-40^{\circ}C$ ----- $+120^{\circ}C$

## Specification Details:

Type	Specification	Conductor Structure	Dimensions A	Dimensions B	Conductor resistance ( $\Omega/m$ )	Current A
H1Z2Z2-K	2*4mm <sup>2</sup>	56/0.28	5.5±0.3	12.5±0.3	8.21	41
H1Z2Z2-K	2*6mm <sup>2</sup>	84/0.28	6.0±0.3	13.5±0.3	5.09	55