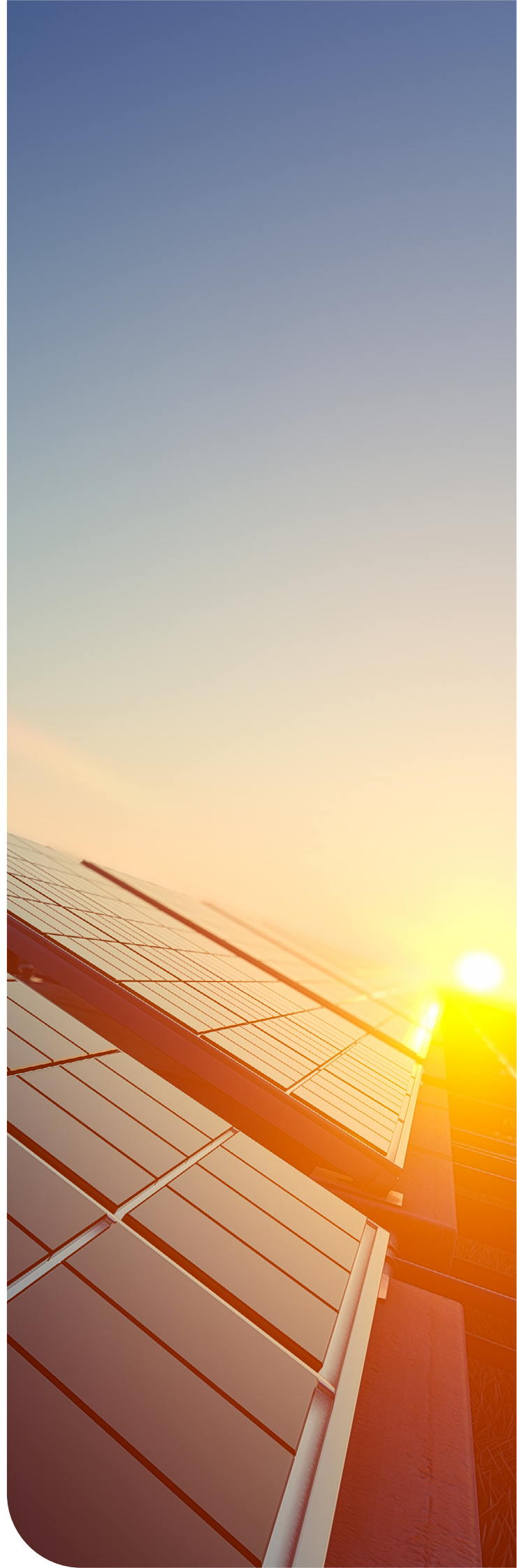




ZONN XS-SERIES H1Z2Z2-K SOLAR CABLE

Version 1





Application

Zonn H1Z2Z2-K single-core solar cables are an excellent choice for connecting PV modules to combiner boxes or inverters. Our H1Z2Z2-K cables guarantee excellent UV and weather resistance. The wide working temperature range allows use in extreme conditions, avoiding deterioration caused by heat and permitting use in every season.

Construction:

Tinned copper class 5 in accordance with CEI EN 60228

Working Voltage:

U_o/U: V_{ca} 1/1 kV V_{dc} 1,5 kV (conductor-conductor and conductor-earth)

Insulation:

Halogen free elastomer in accordance with EN 50618

Outer Sheath:

Halogen free elastomer in accordance with EN 50618

Min Bending Radius:

Cable fix standing min.4 x Ø cable, move standing min.4 x Ø cable

Marking Of Cables:

ZONN KABEL H1Z2Z2-K I 1xsect. mm² TÜV Rheinland Reg. Nr. R XXXXXXXXX max 1,8KVdc

Temperature:

Working temperature: -40 °C +90° C

Characteristic temperature: +90° C

Overload temperature: +120° C

Short circuit temperature: Max +250° C 5 sec

Voltage Test:

6.500 VAC; 15.000 VDC

Electric Resistance:

Test according to EN 60228 Cl. 5

Dimensions:

Size	Construction	Insulation Thickness	Insulation OD	Outer Material	Current Carrying Capacity	Resistance / Km
4.0mm ²	56 x 0.3mm ²	0.72mm	5.5mm	XLPO	55A	4.75Ω
6.0mm ²	84 x 0.3mm ²	0.72mm	6.4mm	XLPO	70A	3.39Ω