



H1Z2Z2-K

Solar Cables



DESCRIPTION

The H1Z2Z2-K cable is a highly flexible, halogen-free solar cable for modern photovoltaic systems. It meets the highest standards for safety, weather resistance, and electrical performance - for both indoor and outdoor use.

TECHNICAL DATA

Colour of sheath	black or red	Conductor	tinned CU
CUScreen	No	Insulation	Halogen free
Maximal operating conductor temperature (°C)	120	Maximal short-circuit temperature (°C)	+250 Max. 5 sec.
Minimal temperature for laying (°C)	-25	Operating temperature range (°C)	-40/+90
Packaging	cable coils/cable drums	Rated voltage (kV)	AC: 1000/1000 V DC: 1500 V
RoHS/REACH	yes/yes	Sheath	Halogen free
Test voltage (kV)	6,5 AC, 15 DC (5 min.)		



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CROSS-SECTION DATA — AC: 1000 / 1000 V DC: 1500 V

Voltage AC: 1000 / 1000 V DC: 1500 V	Test voltage 6,5 AC, 15 DC (5 min.) kV
Operating temperature range -40/+90 °C	Conductor temperature (max.) 120 °C
Short-circuit temperature (max.) +250 Max. 5 sec. °C	Minimum laying temperature -25 °C

Designation	Cond.	RI [Ohm/km]	Rbv [mm]	Ø [mm]	G [kg/km]
1x1,5		13.7	22	4.5	33
1x2,5		8.21	24	4.9	41
1x4		5.09	26	5.5	57
1x6		3.39	30	5.9	73
1x10		1.95	35	6.9	110
1x16		1.24	40	8	170
1x25		0.795	50	10	260
1x35		0.565	56	11	360
1x50		0.393	60	13.2	500