



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

Screen	No	Max. permissible conductor temperature (°C)	120 °C
Maximum short-circuit temperature (°C)	+250 Max. 5 sec. °C	Minimum laying temperature (°C)	-25 °C
Conductor shape	RM	Operating temperature range (°C)	-40/+90 °C
Rated voltage (kV)	AC: 1000/1000 V DC: 1500 V kV	Test voltage (kV)	6,5 AC, 15 DC (5 min.) kV



Cross-sections/Voltage — AC: 1000 / 1000 V DC: 1500 V

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