



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

Maximal operating conductor temperature (°C)	120 °C
Maximal short-circuit temperature (°C)	+250 Max. 5 sec. °C
Minimal temperature for laying (°C)	-25 °C
Operating temperature range (°C)	-40/+90 °C
Rated voltage (kV)	AC: 1000/1000 V DC: 1500 V kV
Shape of conductor	RM
Test voltage (kV)	6,5 AC, 15 DC (5 min.) kV



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

Cores & cross-section	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