



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

TECHNICAL DATA

AL / CU	Copper screen
tinned CU	No
Insulation	Max operating temp
Halogen free	120
Max short-circuit temp	Min laying temp
+250C Max. 5 sec.	-25
Operating temp range	Packaging
-40C / +90C	cable coils/cable drums
Rated voltage	RoHS/REACH
AC: 1000 / 1000 V DC: 1500 V	yes/yes
Sheath	Sheath color
Halogen free	black or red
Test voltage	
6,5 kV AC, 15 kV DC (5 min.)	

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

Cores & cross-section	RI [Ohm/km]	Rbv [mm]	AL / CU	G [kg/km]	Iso	Sh	T_op_max [C]	T_sc_max [C]	T_range [C]	T_lay_min [C]	V_test [kV]
1x1,5	13.7	22	tinned CU	33	Halogen free	Halogen free	0.1k	+250 Max. 5 se.	-40 / +90	-25	6,5 AC, 15 DC (5 min.) black or red
1x2,5	8.21	24	tinned CU	41	Halogen free	Halogen free	0.1k	+250 Max. 5 se.	-40 / +90	-25	6,5 AC, 15 DC (5 min.) black or red
1x4	5.09	26	tinned CU	57	Halogen free	Halogen free	0.1k	+250 Max. 5 se.	-40 / +90	-25	6,5 AC, 15 DC (5 min.) black or red
1x6	3.39	30	tinned CU	73	Halogen free	Halogen free	0.1k	+250 Max. 5 se.	-40 / +90	-25	6,5 AC, 15 DC (5 min.) black or red
1x10	1.95	35	tinned CU	0.1k	Halogen free	Halogen free	0.1k	+250 Max. 5 se.	-40 / +90	-25	6,5 AC, 15 DC (5 min.) black or red
1x16	1.24	40	tinned CU	0.2k	Halogen free	Halogen free	0.1k	+250 Max. 5 se.	-40 / +90	-25	6,5 AC, 15 DC (5 min.) black or red



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1x25	0.795	50	tinned CU	0.3k	Halogen free	Halogen free	0.1k	+250 Max. 5 se.	-40 / +90	-25	6,5 AC, 15 DC (5 min.) black or red ca
1x35	0.565	56	tinned CU	0.4k	Halogen free	Halogen free	0.1k	+250 Max. 5 se.	-40 / +90	-25	6,5 AC, 15 DC (5 min.) black or red ca
1x50	0.393	60	tinned CU	0.5k	Halogen free	Halogen free	0.1k	+250 Max. 5 se.	-40 / +90	-25	6,5 AC, 15 DC (5 min.) black or red ca