



H1Z2Z2-K II Cca-s1,d2,a1

Solar cables

Low smoke halogen-free, flexible, single-core power cables with cross-linked insulation and sheath.

Nominal voltage:	1,0/1,0 kVca - 1,5 kVdc
Applications/Usage conditions:	The single core H1Z2Z2-K cable represents a right solution to link the solar cellars between them or to wire with frequency converters and terminal boards. The H1Z2Z2-K cable guarantees good resistance to UV-rays and various weather conditions. The wide working temperature range allows the use also in extreme conditions, avoiding deterioration caused by heat and permitting a right use of the fotovoltaic panel in every season.
Conductor:	Flexible tinned copper
Insulation type:	Compound conforming to EN 50618
Sheath type:	Compound conforming to EN 50618
Sheath colour:	Black, blue, red
Operating temperatures:	-40° C +90° C
Short circuit temperature:	Max 250° C 5 sec
Test voltage:	6500 Vac - 15000 Vdc
Minimum bending radius:	4 times the cable diameter for fixed and mobile laying.
Standard References:	Main standard: EN 50618 UV Resistance: EN 50618 Conductor: EN 60228; IEC 60228 Self-Extinguishing: EN 60332-1-2; IEC 60332-1-2 Ozone resistance: EN 50396 8.1.3 TUV approved

Cross section Nxmm ²	Wires max diameter mm	Core thickness mm	Core diameter ± 0.1mm	Medium outer diameter ± 0.2mm	Electrical resistance at 20°C Ω/km	Cu factor kg/km	Batt Part No Black	Batt Part No Red
1x4	0.300	0.72	3.80	5.60	5,0900	38,40	26047	26048
1x6	0.300	0.74	4.40	6.30	3,3900	57,60	26049	26050
1x10	-	-	-	-	-	-	26052	26051

Connector	Batt Part No
MC 4 connectors (Male and Female) 4-6 mm2	BATT 26033
MC 4 connectors (Male and Female) 10 mm2	BATT 26046

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