

AC: 1.0/1.0 kV

XL-HFFR INSULATED SINGLE CORE SOLAR CABLE



H1Z2Z2-K

Type	H1Z2Z2K
Standards	EN 50618
Construction	Electrolytic tinned copper, fine stranded class 5 conductor, XL-HFFR cross-linked insulation, XL-HFFR cross-linked outer sheath.
Application	Used in solar power systems for connections between solar panels and system components such as inverters. Suitable for installation in cable ducts and cable trays, in indoor and outdoor applications.
Technical Data	Operating temperature is between -40°C and +90°C Minimum installation temperature is -25°C Minimum bending radius is 4*D D: Cable's outer diameter(mm)

Dimensions & Weights				Electrical Data		
Nominal cross section	Overall Diameter	Net Weight	Maximum permissible tensile force	Conductor DC resistance at 20°C (maximum)	Current carrying capacity at 60°C ambient temperature	
					On surface (A)	In free air (A)
mm ²	mm	kg/km	Max. (N)	ohm/km		
1.5	4.6	35	23	13,7	29	30
2.5	5.0	45	38	8,21	39	41
4	5.6	60	60	5,09	52	55
6	6.1	80	90	3,39	67	70
10	7.2	124	150	1,95	93	98
16	9.2	195	240	1,24	125	132
25	10.8	286	375	0,795	167	176
35	12.4	395	525	0,565	207	218
50	14.6	545	750	0,393	262	276
70	17.2	745	1050	0,277	330	347
95	19.4	975	1425	0,210	395	416
120	21.5	1230	1800	0,164	464	488
150	24	1558	2250	0,132	538	566
185	27.4	1927	2775	0,108	612	644
240	30.3	2443	3600	0,0817	736	775