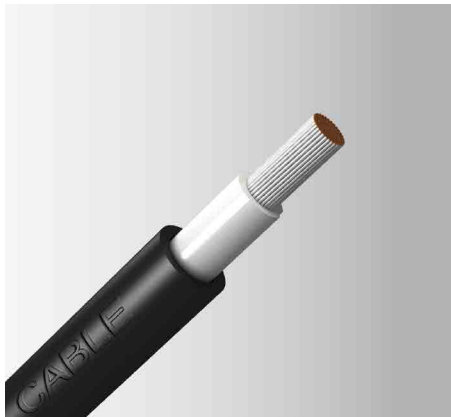


## 1.0/1.0kV Cross-linked Polyolefin Insulated and Sheathed Cable

Description: TC/XLPO/XLPO

Model Code: H1Z2Z2-K



Application :	This cable intended for use in photovoltaic power supply system. It is suitable for fixed installations indoor and outdoor, and within conduits or systems
Construction :	Flexible stranded tinned copper class 5 conductor, cross-linked polyolefin insulated and sheathed cable
Insulation Colour :	White
Sheath Colour :	Black
Rated Voltage :	AC $U_0/U$ : 1.0/1.0kV; Max. DC: 1.5kV
Operating Temperature :	-40°C to +90°C, 2000h at 120°C
Specification :	EN50618, IEC60332-1-2, IEC60754, IEC61034-2

Part No.	Conductor		Nominal Insulation Thickness	Nominal Sheath Thickness	Approx. Overall Diam.	Approx. Weight	Minimum Insulation		Max. Conductor Resistance, DC @ 20 °C	Short Circuit Current 1 Second
	Nominal Area	Approx. Diam.					@ 20 °C	@ 90°C		
	(mm <sup>2</sup> )	(mm)					(MΩ·km)	(MΩ·km)		
<b>07019688</b>	1x1.5	1.57	0.7	0.8	4.7	38	860	0.86	13.7	0.215
<b>08019688</b>	1x2.5	2.04	0.7	0.8	5.2	45	690	0.69	8.21	0.358
<b>09019688</b>	1x4	2.6	0.7	0.8	5.7	60	580	0.58	5.09	0.572
<b>10019688</b>	1x6	3.16	0.7	0.8	6.3	90	500	0.50	3.39	0.585
<b>11019688</b>	1x10	4.5	0.7	0.8	7.6	131	420	0.42	1.95	1.430
<b>12019688</b>	1x16	5.7	0.7	0.9	9.1	187	340	0.34	1.24	2.288
<b>13019688</b>	1x25	7.2	0.9	1.0	11.2	276	340	0.34	0.795	3.575
<b>14019688</b>	1x35	8.5	0.9	1.1	12.7	368	290	0.29	0.565	5.005
<b>15019688</b>	1x50	9.4	1.0	1.2	14.5	560	270	0.27	0.393	7.150
<b>16019688</b>	1x70	11.1	1.1	1.2	16.5	756	250	0.25	0.277	10.010
<b>17019688</b>	1x95	13.1	1.1	1.3	18.7	1036	220	0.22	0.210	13.585
<b>18019688</b>	1x120	14.8	1.2	1.3	20.4	1309	210	0.21	0.164	17.160
<b>19019688</b>	1x150	16.5	1.4	1.4	22.7	1636	210	0.21	0.132	21.450
<b>20019688</b>	1x185	18.3	1.6	1.6	25.2	2000	200	0.20	0.108	26.455
<b>20019688</b>	1x240	21.0	1.7	1.7	28.5	2607	200	0.20	0.0817	34.320