

Solar Cable (PV1-F-0.6/1kv)

CU/LSZH/LSZH



Application:	Solar cables are intended for indoor or outdoor use in photovoltaic power supply system. They can be installed in cable trays, conduits, on-and in-wall, and in equipments. They are suitable for applications & equipment with protective insulation.
Voltage Rating:	600/1000V
Temperature rating :	40 °C ~ 120 °C
Construction:	Finely stranded tinned copper, polyolefin insulated and sheathed cable
Insulation Colour:	Black or as per order
Sheath Colour:	Black
Standards :	2Pfg 1169/08.2007, IEC 60332-1, IEC 61034, IEC 60754, IEC 60228 (Class 5)

Conductor		Nominal Insulation Thickness	Nominal Sheath Thickness	Max. Conductor DC	Approx. Overall Dia	Approx. Weight
Nominal Area	No./ Dia. of Strand			Resistance at 20 °C		
mm ²	No./mm	mm	mm	Ω/km	mm	kg/km
1.5	30/0.25	0.8	1.2	13.7	6.0	53
2.5	50/0.25	0.8	1.2	8.21	6.5	66
4	56/0.3	0.8	1.2	5.09	7.1	86
6	85/0.3	0.8	1.2	3.39	7.7	109
10	80/0.4	0.9	1.2	1.95	9.1	165
16	127/0.4	0.9	1.2	1.24	10.3	231
25	198/0.4	1.6	1.5	0.795	13.9	388
35	278/0.4	1.6	1.5	0.565	15.2	499