

▶▶▶ SOLAR CABLE



Rating: Voltage: AC600/1000V DC1000/1800V Temperature: -40°C-- 125°C.

Material:

(1) Conductor: Tinned annealed copper

(2) Insulation: 125°C XLPO, black

(3) Jacket: 125°C XLPO, black or red

Application: Specifically designed for connecting photo-voltaic system components inside and outside of building and equipment with high mechanical requirements and extreme weather conditions For permanent installations.

General characteristics: Cable made of electron-beam cross-linked insulation and coating; high resistance against heat, cold, oil, UV and weather; with improved reaction in case of fire.

Cross section	Insulation medium thickness	sheath medium thickness	Approx Outer Diamete	Approx cable weight	At 20°C Resistance of conductor (Ω/km)	Testing voltage
(mm ²)	(mm)	(mm)	(mm)	(kg/km)	≤ (Ω/km)	A.C.kv/5min
1x1.5	0.7	0.8	5	35	13.5	6.5
1x2.5	0.7	0.8	5	50	8.21	6.5
1x4	0.7	0.8	6	70	5.09	6.5
1x6	0.7	0.8	7	95	3.39	6.5
1x10	0.7	0.8	9	155	1.95	6.5
1x16	0.7	0.8	10	230	1.24	6.5
1x25	0.8	1.0	12	341	0.795	6.5
1x35	0.8	1.0	13	467	0.565	6.5
1x50	0.8	1.0	14	485	0.393	6.5
1x70	0.8	1.0	16	786	0.277	6.5
1x95	0.8	1.0	17	1062	0.21	6.5
1x120	1.2	1.5	18	1290	0.164	6.5