

Application

Solar cables are intended for the use in photovoltaic power supply systems.

Constructions

Conductor	Class 5 flexible tinned copper to IEC 60228
Insulation	HEPR 120°C
Sheath	EVA 120 °C
Colours	black,red ,blue



Characteristics

Rated voltage	AC 0.6/1.0 kV
Temperature	-40°C to +120°C
Tensile load	15 N/mm ² in operation, 50 N/mm ² during installation
Minimum bending radii	3 x D (D = cable diameter)
Mineral oil resistance	24h, 100°C

Types

Nominal cross-section and colour	Conductor diameter [mm]	Overall diameter of cable Min. value [mm]	Overall diameter of cable Max. value [mm]	Minimum bending radius [mm]	Maximum permissible tensile load [N]	Current carrying capacity at 30 °C [A]
1.5 black	1.6	4.4	4.9	14.7	23	39
1.5 blue	1.6	4.4	4.9	14.7	23	39
1.5 red	1.6	4.4	4.9	14.7	23	39
2.5 black	1.9	4.8	5.2	15.6	38	49
2.5 blue	1.9	4.8	5.2	15.6	38	49
2.5 red	1.9	4.8	5.2	15.6	38	49
4.0 black	2.4	5.1	5.9	17.7	60	65
4.0 blue	2.4	5.1	5.9	17.7	60	65
4.0 red	2.4	5.1	5.9	17.7	60	65
6.0 black	2.9	5.7	6.5	19.5	90	82
6.0 blue	2.9	5.7	6.5	19.5	90	82
6.0 red	2.9	5.7	6.5	19.5	90	83
10 black	3.9	7.5	8.3	33.2	150	116
16 black	5.4	9.3	10.1	40.4	240	156
25 black	6.4	10.5	11.4	45.6	375	206

Order Informations:

Marking	KINGTONE KT0101 SOLAR CABLE XXX M/FT
Inner Package	500FT/Pull Box, 1000FT/Wooden Spool/Pallet
Delivery time	Normally 15 days after received the deposit.

Online Service:

Skype	kingtone3
ICQ	246632889