

Single Core Aluminium Conductor EBXL-XLPE 120°C Insulated, XLPVC 120°C Sheathed (UA) Solar Cable

Applications

Transmission and distribution of Power in PV Solar segment
Indoor and outdoor uses
Cable ducts, cable trays and conduits
Direct burial.

Features



Electron Beam Cross Linked. Does not melt or drip
Enhanced Mechanical, Electrical, Thermal & Weathering properties.
Flame retardant
Excellent UV and Ozone resistant.
Specially designed for PV Power cable segment
Extra UV & 120°C Continuous rating

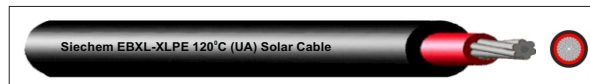
Construction:

Conductor : Aluminium conductor complying with IEC - 60228
Insulation : EBXL-XLPE 120°C
Jacket : XLPVC 120°C (Black)

Technical Data

Operating Temperature : -15°C to +120°C
High Insulation resistance at elevated temperature
Short Circuit Temperature : 250°C
Bending radius (min) : 12 x Cable O.D
Test Voltage : 3.5 kV for 5 mins.

ISO 9001	ISO 14001	OHSAS 18001	AS 9100	ISO 45001	TUV
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Part Number	Number of Cores and Cross Section Area (sq.mm)	Outer Diameter in mm approx.	Max. DC Conductor Resistance at 20°C (Ω/Km)	Weight Kg/Km approx.
69028XX04	1C x 16	9.6	1.91	121
69030XX04	1C x 25	11.1	1.20	164
69032XX04	1C x 35	12.1	0.868	200
69034XX04	1C x 50	13.4	0.641	255
69037XX04	1C x 70	15.3	0.443	329
69038XX04	1C x 95	17.3	0.320	428
69041XX04	1C x 120	19.1	0.253	516
69042XX04	1C x 150	21.2	0.206	635
69044XX04	1C x 185	23.4	0.164	771
69046XX04	1C x 240	26.2	0.125	965
69048XX04	1C x 300	28.8	0.100	1175
69049XX04	1C x 400	32.4	0.0778	1512
69050XX04	1C x 500	35.7	0.0605	1854
69051XX04	1C x 630	49.5	0.0469	2528

Note : Please replace XX in the part number as per the colour code given hereunder.

Red - 01	Yellow - 02	Blue - 03	Black - 04	Green - 05	Yellow-Green - 06	Grey - 07
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