

Single Core APC 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

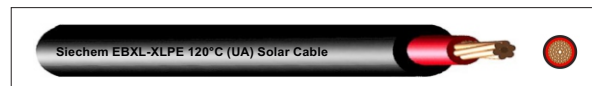
Construction:

Conductor : Annealed Plain Copper 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 dia
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.
68828XX04	1C x 16	9.5	1.15	205
68830XX04	1C x 25	11.0	0.727	300
68832XX04	1C x 35	12.0	0.524	395
68834XX04	1C x 50	13.5	0.387	535
68837XX04	1C x 70	15.5	0.268	725
68838XX04	1C x 95	17.7	0.193	980
68841XX04	1C x 120	19.5	0.153	1210
68842XX04	1C x 150	21.5	0.124	1505
68844XX04	1C x 185	23.8	0.0991	1840
68846XX04	1C x 240	26.6	0.0754	2380
68848XX04	1C x 300	29.6	0.0601	2940
68849XX04	1C x 400	33.5	0.0470	3885
68850XX04	1C x 500	37.2	0.0366	4820
68851XX04	1C x 630	42.0	0.0283	6050

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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