

Single Core Copper Conductor EBXL-XLPE 120°C Insulated, HR PVC Sheathed, (A) Power Cable as per IEC 60502-1

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

Specially for PV Solar application with 30 years UV protection

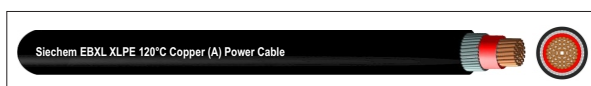
Construction:

Conductor : Annealed Plain Copper conductor complying with IEC - 60228
Insulation : Electron Beam Cross Linked Polyethylene 120°C
Armour : Non magnetic round wires
Jacket : HR PVC (Black) & UV Resistant

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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Singlecore EBXL XLPE 120°C Power Cable

Part Number	No. of Cores and Cross Section Area (sq.mm)	Outer Diameter (mm) approx.	Max.DC Conductor Resistance at 20°C (Ω/Km)	Weight (Kg/Km) approx.
A914SRA28XX04	1C x 16	12.0	1.15	275
A914SRA30XX04	1C x 25	13.4	0.727	380
A914SRA32XX04	1C x 35	14.4	0.524	480
A914SRA34XX04	1C x 50	16.8	0.387	670
A914SRA37XX04	1C x 70	18.5	0.268	880
A914SRA38XX04	1C x 95	20.2	0.193	1125
A914SRA41XX04	1C x 120	21.9	0.153	1370
A914SRA42XX04	1C x 150	24.8	0.124	1710
A914SRA44XX04	1C x 185	27.0	0.0991	2060
A914SRA46XX04	1C x 240	29.7	0.0754	2630
A914SRA48XX04	1C x 300	32.6	0.0601	3222
A914SRA49XX04	1C x 400	36.8	0.0470	4260
A914SRA50XX04	1C x 500	40.5	0.0366	5235
A914SRA51XX04	1C x 630	45.6	0.0283	6520

Note : XX* : Please add last two digits in the part number as per the colour code given hereunder replacing XX while ordering.
Red - 01 & Black - 04

