

Single Core Aluminium 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

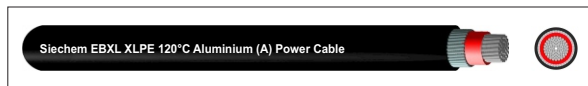
Construction:

Conductor : Aluminium 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)	Cable Weight (Kg/Km) approx.
A904SRA28XX04	1C x 16	12.1	1.91	191
A904SRA30XX04	1C x 25	13.6	1.20	245
A904SRA32XX04	1C x 35	14.6	0.868	288
A904SRA34XX04	1C x 50	16.7	0.641	386
A904SRA37XX04	1C x 70	18.4	0.443	478
A904SRA38XX04	1C x 95	20.1	0.320	575
A904SRA41XX04	1C x 120	21.7	0.253	679
A904SRA42XX04	1C x 150	24.2	0.206	846
A904SRA44XX04	1C x 185	26.4	0.164	1001
A904SRA46XX04	1C x 240	28.9	0.125	1206
A904SRA48XX04	1C x 300	31.7	0.100	1441
A904SRA49XX04	1C x 400	36.3	0.0778	1904
A904SRA50XX04	1C x 500	39.8	0.0605	2286
A904SRA51XX04	1C x 630	53.6	0.0469	3102

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

