

Multicore APC Conductor EBXL-XLPE 120°C Insulated, XLPVC Sheathed, (A) 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

Specially for PV Solar application
with 30 years UV protection

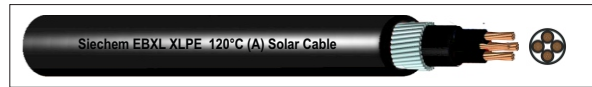
Construction:

Conductor : Annealed Plain Copper conductor, Class 5
complying with IEC - 60228
Insulation : EBXL-XLPE 120°C (Specially formulated for Solar Cable)
Armour : GI round wires
Jacket : XLPVC 90°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 kV for 5 mins.

ISO 9001	ISO 14001	OHSAS 18001	AS 9100	ISO 45001	TUV
-------------	--------------	----------------	------------	--------------	---------



Multicore EBXL XLPE 120°C Solar Cable

Part Number	Number 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.
693ER1303	3C X 1.5	12.5	13.3	274
693ER1603	3C X 2.5	13.4	7.98	329
693ER1903	3C X 4	14.5	4.95	401
693ER2303	3C X 6	15.7	3.30	490
693ER2703	3C X 10	18.6	1.91	748
693ER1304	4C X 1.5	13.3	13.3	310
693ER1604	4C X 2.5	14.4	7.98	379
693ER1904	4C X 4	15.6	4.95	469
693ER2304	4C X 6	17.8	3.30	669
693ER2704	4C X 10	20.0	1.91	885

