



Multicore APC Conductor EBXL-XLPE 120°C Insulated, XLPVC Sheated, (A) Solar Cable

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APPLICATION

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

CONSTRUCTION

Conductor : Annealed Plain conductor, Class5 complying with IEC - 60118

Insulation : EBXL - XLPE 1200C (specially formulated for Solar Cable)

Armour : GI round wires

Jacket : XLPVC 90°C (Black)

FEATURES

Electron Beam Cross Linked. Does not melt or drip Enhanced Mechanical, Thermal & Weathering properties.

flame retardant

Excellent UV and ozone resistant

Specially designed for PV Power Cable segment

extra Uv & 120°C Continuous rating

TECHNICAL DATA

Operation Temperature : -15°C to 120°C

High Insulation resistance at elevated temperature

Short Circuit Temperature : 280°C

Bending radius (min.) : 12 X Cable dia

Test Voltage : 3 KV for 5 mins.



Specification of Multicore APC Conductor EBXL-XLPE 120C Insulated, XLPVC Sheated, (A) Solar Cable

AWG Size	Number of Cores and mm2 Per Conductor	Outer Diameter mm approx	Copper Weight Kg/km (Nom.)	Outer Cable Weight Kg/Km approxDiameter mm approx
693 13 03	3C x 1.5	14.1	38	421
693 16 03	3C x 2.5	15.0	63	475
693 19 03	3C x 4	16.0	100	569
693 23 03	3C x 6	17.0	150	665
693 27 03	3C x 10	20.6	250	986
693 13 04	4C x 1.5	15.0	50	461
693 16 04	4C x 2.5	15.9	83	549
693 19 04	4C x 4	17.0	133	645
693 23 04	4C x 6	18.6	200	787
693 27 04	4C x 10	22.15	334	1146