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

OHSAS 18001 - 2007

ISO 9001-2008

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

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 - 60228
Insulation : EBXL - XLPE 120°C (specially formulated for Solar Cable)
Jacket : XLPVC 120°C (Black, Specially formulated for Solar Cable)

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.)	Cable Weight Kg/Km approx.
693 13 03	3C x 1.5	12.45	38	198
693 16 03	3C x 2.5	13.30	63	241
693 19 03	3C x 4	14.30	100	300
693 23 03	3C x 6	15.40	150	375
693 27 03	3C x 10	18.20	250	542
693 13 04	4C x 1.5	13.30	50	227
693 16 04	4C x 2.5	14.20	83	280
693 19 04	4C x 4	15.35	133	355
693 23 04	4C x 6	16.55	200	449
693 27 04	4C x 10	20.15	334	675

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