



Siechem 4 Core Round APC Conductor EBXL - XLPE 120°C Insulated PVC Sheathed 600/1000 V (UA) Power cable as per BS 5467

Application

- ✓ Transmission and distribution of Power Industrial units
- ✓ Commercial and residential places
- ✓ Indoor and outdoor uses
- ✓ Cable ducts, cable trays conduits Direct burial and underground burial where mechanical damage risk for cables.

Product Construction

- ✓ Conductor : Annealed Plain copper conductor complying with BS 6360
- ✓ Insulation : Electron Beam Cross Linked Polyethylene 120°C
- ✓ Jacket : PVC Complying with BS 6746

Technical Data

- ✓ Operating Temperature : -15°C to +120°C High Insulation resistance at elevated temperature
- ✓ Short Circuit Temperature : 280°C
- ✓ Bending radius (min) : 12 x Cable dia
- ✓ Rated Voltage :600/1000 V
- ✓ Test Voltage : 3.5 kV for 5 mins.
- ✓ Specification : BS 5467

Features

- ✓ Electron Beam Cross Linked.
- ✓ Enhanced Mechanical, Electrical, Thermal & Weathering properties.
- ✓ Soldering iron resistant
- ✓ Resistance to corona effect.
- ✓ Easy jointing & termination
- ✓ Better resistance to most chemicals & acids
- ✓ Low direct electric losses.
- ✓ High current carrying capacity.

IS : 7098 (Pt.1) CML-6819184	ISO 9001	ISO 14001	OHSAS 18001
AS 9100	ISO 45001		

Part Number	Area Sq.mm	Cond.Min. No.of Wires Nos	Thickness of EBXL / XLPE Insulation (Nom.) mm	Thickness of Outer Sheath mm	Approx Overall diameter mm	Approx.Net Wt.of Cable Kg/Km	Max.D.C Resistance at 20 deg.C Ω/KM	Current Rating For EBXL -XLPE Cables (125°C)			Current Rating For Chemically Cured XLPE Cables (90°C)			Short Circuit Rating for 1 sec Cu
								Direct in Ground Cu	In Duct Cu	In Air Cu	Direct in Ground Cu	In Duct Cu	In Air Cu	
746E1304	1.5	1	0.7	1.8	13.3	230	12.1	33	30	29	25	23	22	0.21
746E1604	2.5	1	0.7	1.8	14.2	285	7.41	44	40	39	34	31	30	0.36
746E1904	4	1	0.7	1.8	15.4	361	4.61	57	52	52	44	40	40	0.57
746E2304	6	1	0.7	1.8	16.6	458	3.08	72	65	65	55	50	51	0.86
746E2704	10	7	0.7	2.0	20.2	689	1.83	95	86	82	73	66	63	1.4

Cable conforming to IEC 60502 & VDE-0271 also available according to customer requirement.



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