



Siechem 3 Core APC Conductor EBXL - XLPE 120°C Insulated GI Strips Armoured PVC Sheathed 600/1000 V 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
- ✓ Armour : GI Strips
- ✓ 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	Dimension of Arm strips 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	
751E2803	16	1.7	0.7	0.8 X 4	1.4	18.5	905	1.15	126	113	117	97	87	90	2.3
751E3003	25	2.2	0.9	0.8 X 4	1.4	21.6	1244	0.727	159	143	143	122	110	110	3.6
751E3203	35	2.52	0.9	0.8 X 4	1.4	23.6	1585	0.524	190	170	182	146	131	140	5.0
751E3403	50	2.95	1.0	0.8 X 4	1.4	26.5	2076	0.387	224	202	211	172	155	162	7.1
751E3703	70	2.2	1.1	0.8 X 4	1.56	29.8	2722	0.268	274	247	257	211	190	198	10.0
751E3803	95	2.52	1.1	0.8 X 4	1.56	33.0	3511	0.193	329	296	312	253	228	240	13.6
751E4103	120	2.95	1.2	0.8 X 4	1.56	36.1	4274	0.153	373	335	359	287	258	276	17.1
751E4203	150	3.26	1.4	0.8 X 4	1.72	40.0	5246	0.124	417	376	413	321	289	318	21.4
751E4403	185	2.52	1.6	0.8 X 4	1.88	44.3	6383	0.0991	469	423	476	361	325	366	26.4
751E4603	240	2.95	1.7	0.8 X 4	2.04	49.2	8058	0.0754	541	486	554	416	374	426	34.3
751E4803	300	3.26	1.8	0.8 X 4	2.2	54.1	9869	0.0601	603	543	624	464	418	480	42.9
751E4903	400	2.95	2.0	0.8 X 4	2.36	61.2	12862	0.0470	677	610	710	521	469	546	57.1

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



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