



Siechem Single Core 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	Cond.Min. No.of Wires	Thickness of EBXL / XLPE Insulation (Nom.)	Thickness of Outer Sheath	Approx Overall diameter	Approx.Net Wt.of Cable	Max.D.C Resistance at 20 deg.C	Current Rating For EBXL -XLPE Cables (125°C)			Current Rating For Chemically Cured XLPE Cables (90°C)			Short Circuit Rating for 1sec
								Direct in Ground	In Duct	In Air	Direct in Ground	In Duct	In Air	
	Sq.mm	Nos	mm	mm	mm	Kg/Km	Ω/KM	Cu	Cu	Cu	Cu	Cu	Cu	Cu
73934XX	50	7	1.0	1.4	14.2	565	0.387	242	204	259	186	157	199	7.1
73937XX	70	19	1.1	1.4	16.2	761	0.268	290	250	320	223	192	246	10.0
73938XX	95	19	1.1	1.5	18.3	1004	0.193	343	299	386	264	230	297	13.6
73941XX	120	19	1.2	1.5	20.2	1243	0.153	389	338	437	299	260	336	17.1
73942XX	150	19	1.4	1.6	22.4	1544	0.124	437	381	501	336	293	385	21.4
73944XX	185	37	1.6	1.6	24.7	1884	0.9991	476	428	582	366	329	448	26.4
73946XX	240	37	1.7	1.7	27.7	2410	0.0754	539	498	663	415	383	510	34.3
73948XX	300	37	1.8	1.8	30.6	2989	0.0601	585	560	741	450	431	570	42.9
73949XX	400	61	2.0	1.9	34.2	3929	0.0470	624	637	858	480	490	660	57.1
73950XX	500	61	2.2	2.0	38.0	4892	0.0366	733	715	923	564	550	710	71.4
73951XX	630	61	2.4	2.2	42.9	6142	0.0283	773	859	1073	594	661	825	90.0
73995XX	800	127	2.6	2.3	47.8	7732	0.0221	858	1043	1155	660	756	945	114.4
73953XX	1000	127	2.8	2.4	53.0	9595	0.0176	940	1143	1266	723	850	1063	143

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

Note : XX* : Please add last two digits in the part number as per the colour code given hereunder replacing XX while ordering.

Red - 01	Yellow - 02	Blue - 03	Black - 04	Green - 05	Yellow-Green - 06	Grey - 07	Brown - 08	White - 09	Orange - 10	Violet - 11
Chocolate - 12	Tan - 13	Charcoal - 14	LT Blue - 15	DK Grey - 16	LT Green - 17	DK Green - 18	DK Blue - 19	Purple - 20	Pink - 21	

- ✓ Cables are also available in dual coloured insulation
- ✓ * Other length as per Customer order.



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