



EBXL XLPO / XLPE LT Power Cables Electro Beamed Cross Linked 1k V, 3k V & 6k V Cable



Electro Beamed Cross Linked 1k V, 3k V and 6k V Cable

APPLICATION

- Dry Interiors
- Switch Cabinets
- Trains & Buses
- Equipment Wiring
- High Voltage Application
- Suitable for Installation in Wagons & Trams
- Robots & Handling Units
- Underground Mining as well as surface mining
- Electricity transferring units where constant mobility is needed.

Specifications of Single Core Aluminium / Copper Conductor EBXL - XLPO / XLPE Insulated Armoured & Unarmoured Cables

Area	Cond. Min. No. of Wires		Thickness of EBXL - XLPO/ XLPE Insulation (Nom.)		Dimension of Arm Wire /Strip	Thickness of Outer Sheath		Approx. Overall Diameter		Max. D.C Resistance at 20 deg. C		Current Rating for EBXL - XLPO Cabels		Current Rating for XLPE Cabels					
	Sq. mm	No	mm	mm		mm	mm	mm	mm	mm	mm	Ohk/Km	Direct in Ground	in Air	Direct in Ground	in Air			
	Al	Cu	Al/Cu	Al/Cu	Al	Al/Cu	Al/Cu	Al/Cu	Al/Cu	Al	Cu	Cu	Al	Al	Cu	Al	Cu	Al	Cu
1.5	-	1	1.0	0.7	1.4	1.24	1.8	9.5	6.8	-	12.1	35	-	-	29	-	27	-	22
2.5	-	1	1.0	0.7	1.4	1.24	1.8	10.0	7.2	-	7.41	47	-	-	39	-	36	-	29
4	1	1	1.0	0.7	1.4	1.24	1.8	10.5	7.5	7.41	4.61	60	44	40	52	36	46	31	40
6	1	1	1.0	0.7	1.4	1.24	1.8	11.0	8.0	4.61	3.08	74	57	51	66	44	57	39	51
10	1	1	1.0	0.7	1.4	1.24	1.8	12.0	9.0	3.08	1.83	95	77	69	92	59	76	53	71
16	6	6	1.0	0.7	1.4	1.24	1.8	12.5	10.0	1.91	1.15	126	99	95	124	76	97	73	95
25	6	6	1.2	0.9	1.4	1.24	1.8	14.5	11.5	1.20	0.727	172	125	127	169	96	132	98	130
35	6	6	1.2	0.9	1.4	1.24	1.8	15.5	12.5	0.868	0.524	203	148	157	200	114	156	121	154
50	6	6	1.3	1.0	1.4	1.24	1.8	17.0	13.5	0.641	0.387	242	176	195	259	135	186	150	199
70	12	12	1.4	1.1	1.4	1.24	1.8	19.5	15.5	0.443	0.268	290	216	243	320	166	223	187	246
95	15	15	1.4	1.1	4x0.8	1.4	1.8	20.0	17.0	0.320	0.193	343	257	299	386	198	264	230	297
120	15	18	1.5	1.2	4x0.8	1.4	1.8	22.0	19.0	0.253	0.153	389	293	348	437	225	299	268	336
150	15	18	1.4	1.4	4x0.8	1.4	2.0	24.0	21.0	0.206	0.124	437	329	402	501	253	336	309	385
185	30	30	1.6	1.6	4x0.8	1.4	2.0	26.0	23.0	0.164	0.9991	476	372	468	582	286	366	360	448
240	30	34	2.0	1.7	4x0.8	1.4	2.0	29.0	26.0	0.125	0.0754	539	432	563	663	332	415	433	510
300	30	34	2.1	1.8	4x0.8	1.56	2.0	31.0	28.0	0.100	0.0601	585	489	651	741	376	450	501	570
400	53	53	2.4	2.0	4x0.8	1.56	2.2	35.0	33.0	0.0778	0.0470	624	560	775	858	431	480	596	660
500	53	53	2.6	2.2	4x0.8	1.56	2.2	38.0	36.0	0.100	0.0601	733	637	901	923	490	564	693	710
630	53	53	2.8	2.4	4x0.8	1.72	2.2	43.0	40.0	0.0778	0.0470	741	724	1058	1073	557	570	841	825

- *Twin Core Available
- *Three Core Available
- *Fore Core Available