



Electron Beamed XLPO / XLPE Control Cables



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CONSTRUCTION

- Stranded or Solid
- Bare Copper or Tinned Copper
- XLPO or XLPE
- 0.70 Nominal Insulation Thickness
- Sheathing : ST2 or FRLS or LFH

CHARACTERISTICS

- Temperature Range :
XLPO : -45°C to +125°C
XLPE : -15°C to +90°C

APPLICATION

- XLPO / XLPE Control Cables are used underground as well as over head transmission of power in power plants, industries, projects and all other electrical installations.

Specifications of Electron Beamed XLPO / XLPE Control Cables

No. of Cores	Normal Thickness of Insulation	Minimum Thickness of Inner Sheath	Normal Thickness of Outer Sheath	Unarmoured				Round Wire Armoured					
				Approx. Overall Dia, of Cable		Approx. Weight of Cable		Normal Dia. of Armour Wire	Minimum Thickness of Outer Sheath	Approx. Overall Dia, of Cable		Approx. Weight of Cable	
				Solid	Stranded	Solid	Stranded			Solid	Stranded	Solid	Stranded
Nos	mm	mm	mm	mm	mm	Kgs./Km	Kgs./Km	mm	mm	mm	mm	320	330
2	0.7	0.3	1.8	10.0	11.0	140	145	1.4	1.24	12.5	13.0	350	360
3	0.7	0.3	1.8	10.5	11.5	160	165	1.4	1.24	13.0	13.5	400	410
4	0.7	0.3	1.8	11.5	12.5	200	205	1.4	1.24	13.5	14.0	450	460
5	0.7	0.3	1.8	12.5	13.0	225	230	1.4	1.24	14.0	14.5	510	520
6	0.7	0.3	1.8	13.5	14.0	250	260	1.4	1.24	15.0	15.5	530	540
7	0.7	0.3	1.8	13.5	14.0	260	270	1.4	1.24	15.0	15.5	580	600
8	0.7	0.3	1.8	14.5	15.0	280	300	1.4	1.24	15.5	16.0	630	660
9	0.7	0.3	1.8	15.5	16.5	315	340	1.4	1.24	17.0	17.5	655	700
10	0.7	0.3	1.8	17.0	17.5	340	360	1.4	1.24	18.0	18.5	720	750
12	0.7	0.3	1.8	17.5	18.0	390	405	1.4	1.24	18.5	19.0	825	850
14	0.7	0.3	1.8	18.0	18.5	430	450	1.4	1.4	19.5	20.0	925	980
16	0.7	0.3	1.8	18.5	19.0	475	500	1.6	1.4	20.0	21.0	1010	1070
19	0.7	0.3	1.8	19.5	20.0	540	570	1.6	1.4	21.0	22.0	1100	1160
21	0.7	0.3	2.0	20.5	21.5	600	640	1.6	1.4	22.0	23.0	1250	1300
24	0.7	0.3	2.0	22.5	23.5	665	710	1.6	1.4	23.0	25.0	1330	1380
27	0.7	0.3	2.0	23.5	24.0	750	780	1.6	1.4	25.0	26.0	1400	1470
30	0.7	0.3	2.0	24.0	25.5	820	850	1.6	1.4	26.0	26.5	1475	1550
33	0.7	0.3	2.0	24.5	25.5	910	930	1.6	1.4	27.0	28.0	1550	1650
37	0.7	0.3	2.0	25.5	26.5	975	1010	1.6	1.4	28.0	29.0	1850	2120
44	0.7	0.3	2.0	28.0	29.0	1150	1190	1.6/2.0	1.56	30.5	32.0	2050	2350
52	0.7	0.3	2.0	29.0	30.5	1300	1350	1.6/2.0	1.56	32.0	33.5	2550	2650
61	0.7	0.4	2.0	31.0	32.5	1500	1560	2.0	1.56	34.5	35.5	Kgs./Km	Kgs./Km