

63 kV Power Cable, Aluminum Conductor, XLPE Insulated, Aluminum Tape Armor, PVC Sheathed According To IEC 60840

Size of Cable	XLPE Insulation Thickness	Screen	Conductor Diameter	Aluminum Tape Thickness (Armor)
mm ²	mm	mm ²	mm	mm
1x95	13	16	11.2	0.5
1x120	12	16	12.7	0.5
1x150	12	25	14.3	0.5
1x185	11.5	25	16	0.5
1x240	11.5	25	18.4	0.5
1x300	11	25	20.5	0.5
1x400	10.5	35	23.3	0.5
1x500	10.5	50	26.5	0.5
1x630	10.5	50	30	0.5
1x800	10.5	50	35	0.5
1x1000	10.5	50	40	0.8



Size of Cable	Overall Diameter	Approx. weight	Min. Bending Radius	Current Rating in Ground	Current Rating in Air	Conductor Resistance	Inductance	Capacitance
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mm ²	mm	kg/km	mm	A	A	Ω/km	mH/km	μF/km
1x95	56	3307	840	256	285	0.320	0.51	0.11
1x120	57	3532	855	285	322	0.258	0.45	0.13
1x150	58	3638	870	322	360	0.206	0.44	0.14
1x185	59	3868	885	358	410	0.164	0.42	0.15
1x240	62	3982	930	420	475	0.125	0.40	0.17
1x300	64	4165	960	473	544	0.1000	0.38	0.19
1x400	67	4931	1005	546	632	0.0778	0.37	0.21
1x500	71	5424	1065	630	737	0.0605	0.36	0.23
1x630	76	6065	1140	724	864	0.0469	0.34	0.26
1x800	79	6930	1185	814	480	0.0367	0.32	0.29
1x1000	84	8000	1260	958	1190	0.0291	0.31	0.31