



XLPE CABLE SPECIFICATION CHART

Formate No: RPC/QA-ES/CH-07
Date: 01-10-2019
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Voltage grade (KV)		1.1					
Cable sq.mm	Number of Strand (mm)	Strand Diameter (mm)	Conductor Dia. Approx (mm)	Insulation thickness (Radial) (mm)	Conductor Resistance (Ω /Kmtrs) max		Overall cable diameter (mm)
					ABC	ATC	
1.50	7	0.53	1.65	0.70	12.10	12.20	3.10
2.50	7	0.67	2.15	0.70	7.410	7.560	3.50
4.00	7	0.85	2.65	0.70	4.610	4.700	4.10
6.00	7	1.04	3.24	0.70	3.080	3.110	4.70
10.00	7	1.35	4.21	0.70	1.830	1.840	5.65
16.00	7	1.70	5.33	0.70	1.150	1.160	6.70
25.00	7	2.12	6.89	0.90	0.727	0.734	8.70
35.00	7	2.52	7.87	0.90	0.524	0.529	9.70
50.00	19	1.83	9.42	1.00	0.387	0.391	11.45
70.00	19	2.16	11.13	1.10	0.268	0.270	13.35
95.00	19	2.52	13.00	1.10	0.193	0.195	15.20
120.00	37	2.03	14.57	1.20	0.153	0.154	17.00
150.00	37	2.27	16.29	1.40	0.124	0.126	19.10