

Construction

6.6KV XLPE Power Cable

JIS Standard

Conductor Size	Thickness of Insulation	Thickness of Sheath	Approx. Overall Diameter	A.C. Voltage Test	Max. Conductor D.C. Resistance (20°C)	Min. Insulation Resistance (20°C)	Approx. Cable Weight	Standard Length	No. of Cores
mm ²	mm	mm	mm	KV/10 分	Ω/km	MΩ-km	kg/km	m	
8	4.0	1.8	16.5	17.0	2.29	2,500	365	300	1C
14	4.0	1.8	17.5	17.0	1.31	2,500	460	300	
22	4.0	1.9	18.5	17.0	0.832	2,500	525	300	
38	4.0	2.0	21	17.0	0.481	2,000	730	300	
60	4.0	2.0	23	17.0	0.305	2,000	1,070	300	
100	4.0	2.1	26	17.0	0.183	1,500	1,470	200	
150	4.0	2.3	29	17.0	0.122	1,500	1,980	200	
200	4.5	2.4	32	17.0	0.0915	1,500	2,550	200	
250	4.5	2.5	35	17.0	0.0739	1,500	3,070	200	
325	4.5	2.6	38	17.0	0.0568	1,500	3,750	200	
400	4.5	2.7	40	17.0	0.0462	1,000	4,640	200	
500	4.5	2.8	43	17.0	0.0369	900	5,550	200	
600	5.0	2.9	47	17.0	0.0308	900	6,870	200	
800	5.0	3.1	52	17.0	0.0231	800	9,000	200	
1000	5.0	3.3	56	17.0	0.0187	800	11,100	200	

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mm ²	mm	mm	mm	KV/10 分	Ω/km	MΩ-km	kg/km	m	
8	4.0	2.4	32	17.0	2.34	2500	1180	300	3C
14	4.0	2.5	34	17.0	1.34	2500	1480	300	
22	4.0	2.5	37	17.0	0.849	2500	1780	300	
38	4.0	2.7	41	17.0	0.491	2000	2430	300	
60	4.0	2.9	46	17.0	0.311	2000	3280	300	
100	4.0	3.1	52	17.0	0.187	1500	4670	200	
150	4.0	3.3	58	17.0	0.124	1500	6420	200	
200	4.5	3.6	66	17.0	0.0933	1500	8330	200	
250	4.5	3.8	71	17.0	0.0754	1500	10020	200	
325	4.5	4.0	77	17.0	0.0579	1500	12990	200	