

Construction

5KV XLPE - LSFH Power Cable

Refer to CNS Standard

Conductor Size	Min. Average Thickness of Insulation	Min. Average 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/5min.	Ω/km	MΩ-km	kg/km	m	
8	2.29	1.14	13.0	18	2.31	3,000	235	300	1C
14	2.29	1.52	15.0	18	1.30	3,000	340	300	
22	2.29	1.52	16.0	18	0.824	2,500	435	300	
38	2.29	1.52	18.0	18	0.487	2,000	610	300	
60	2.29	1.52	20	18	0.303	2,000	845	300	
100	2.29	2.03	23	18	0.180	1,500	1,310	300	
150	2.29	2.03	27	18	0.118	1,500	1,855	300	
200	2.29	2.03	28	18	0.0922	1,000	2,295	300	
250	2.29	2.03	31	18	0.0722	1,000	2,810	200	
325	2.29	2.03	34	18	0.0565	1,000	3,510	200	
400	2.29	2.03	36	18	0.0454	800	4,255	200	
500	2.29	2.03	39	18	0.0373	800	5,125	1500	
8	2.29	2.03	26	18	2.36	3,000	740	300	3C
14	2.29	2.03	29	18	1.33	3,000	970	300	
22	2.29	2.03	31	18	0.840	2,500	1,255	300	
38	2.29	2.03	34	18	0.497	2,000	1,780	300	
60	2.29	2.03	39	18	0.309	2,000	2,480	300	
100	2.29	2.79	46	18	0.184	1,500	3,930	300	
150	2.29	2.79	53	18	0.120	1,500	5,580	200	
200	2.29	2.79	57	18	0.0940	1,000	6,915	150	
250	2.29	2.79	62	18	0.0736	1,000	8,480	150	
325	2.29	3.58	70	18	0.0576	1,000	10,855	150	