

Construction

15KV XLPE - LSFH Power Cable (Grounding) 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	
38	4.45	2.03	25	35	0.487	3,500	885	300	1C
60	4.45	2.03	27	35	0.303	3,000	1,145	300	
100	4.45	2.03	29	35	0.180	2,500	1,595	200	
150	4.45	2.03	33	35	0.118	2,000	2,220	200	
200	4.45	2.03	35	35	0.0922	2,000	2,680	200	
250	4.45	2.03	37	35	0.0722	1 500	3,220	200	
325	4.45	2.03	40	35	0.0565	1,500	3,950	200	
400	4.45	2.03	43	35	0.0454	1,500	4,730	150	
500	4.45	2.79	47	35	0.0373	1,500	5,795	150	
38	4.45	2.79	49	35	0.497	3,500	2,630	200	3C
60	4.45	2.79	53	35	0.309	3,000	3,410	200	
100	4.45	2.79	59	35	0.184	2,500	4,770	150	
150	4.45	2.79	67	35	0.120	2,000	6,615	150	
200	4.45	2.79	71	35	0.0940	2,000	8,020	150	
250	4.45	3.58	78	35	0.0736	1,500	9,650	150	
325	4.45	3.58	84	35	0.0576	1,500	11,800	150	

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15KV XLPE-LSFH Power Cable (Ungrounding) Refer to CNS Standard

Conductor Size	Min. Average Thickness of Insulation	Min. Average Thickness of Sheath	Approx. Overall Diameter	A.C. Valtage 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	
38	5.59	2.03	27	44	0.487	3,500	980	200	1C
60	5.59	2.03	29	44	0.303	3,000	1,245	200	
100	5.59	2.03	32	44	0.180	2,500	1,705	150	
150	5.59	2.03	35	44	0.118	2,500	2,345	150	
200	5.59	2.03	37	44	0.0922	2,000	2,810	150	
250	5.59	2.03	39	44	0.0722	2,000	3,355	150	
325	5.59	2.79	44	44	0.0565	2,000	4,260	150	
400	5.59	2.79	47	44	0.0454	1,500	5,060	150	
500	5.59	2.79	50	44	0.0373	1,500	6,020	150	
38	5.59	2.79	54	44	0.497	3,500	2,930	150	3C
60	5.59	2.79	58	44	0.309	3,000	3,735	150	
100	5.59	2.79	64	44	0.184	2,500	5,125	150	
150	5.59	2.79	72	44	0.120	2,500	7,050	150	
200	5.59	3.56	76	44	0.0940	2,000	8,450	150	
250	5.59	3.56	82	44	0.0736	2,000	10,390	150	
325	5.59	3.56	89	44	0.0576	2,000	12,670	150	