

# Construction

## 25KV 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 <sup>2</sup>	mm	mm	mm	KV/5分	Ω/km	MΩ-km	kg/km	m	
38	6.6	2.03	30	52	0.487	3,600	1,100	300	1C
60	6.6	2.03	32	52	0.303	3,000	1,360	300	
100	6.6	2.03	35	52	0.180	2,800	1,870	200	
150	6.6	2.03	39	52	0.118	2,000	2,470	200	
200	6.6	2.03	40	52	0.0922	2,000	2,950	200	
250	6.6	2.03	43	52	0.0722	1,800	3,500	200	
325	6.6	2.79	48	52	0.0565	1,500	4,420	200	
400	6.6	2.79	51	52	0.0454	1,500	5,270	150	
500	6.6	2.79	53	52	0.0373	1,500	6,200	150	
38	6.6	2.79	60	52	0.497	3,600	3,250	200	3C
60	6.6	2.79	64	52	0.309	3,000	4,050	200	
100	6.6	2.79	71	52	0.184	2,800	5,600	150	
150	6.6	3.58	79	52	0.120	2,000	7,650	150	
200	6.6	3.58	83	52	0.0940	2,000	9,100	150	
250	6.6	3.58	88	52	0.0736	1,800	10,800	150	
325	6.6	3.58	95	52	0.0576	1,500	13,100	150	

# Construction

## 25KV 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. Voltage Test	Max. Conductor D.C. Resistance (20°C)	Min. Insulation Resistance (20°C)	Approx. Cable Weight	Standard Length	No. of Cores
mm <sup>2</sup>	mm	mm	mm	KV/5分	Ω/km	MΩ-km	kg/km	m	
38	8.76	2.03	35	64	0.487	4,500	1,380	200	1C
60	8.76	2.03	37	64	0.303	3,800	1,660	200	
100	8.76	2.03	40	64	0.180	3,500	2,150	150	
150	8.76	2.03	43	64	0.118	3,200	2,760	150	
200	8.76	2.79	47	64	0.0922	2,800	3,410	150	
250	8.76	2.79	50	64	0.0722	2,800	4,050	150	
325	8.76	2.79	53	64	0.0565	2,400	4,850	150	
400	8.76	2.79	55	64	0.0454	2,000	5,600	150	
500	8.76	2.79	58	64	0.0373	2,000	6,600	150	
38	8.76	2.79	71	64	0.497	4,500	4,100	150	3C
60	8.76	3.58	77	64	0.309	3,800	5,200	150	
100	8.76	3.58	82	64	0.184	3,500	6,700	150	
150	8.76	3.58	89	64	0.120	3,200	8,600	150	
200	8.76	3.58	93	64	0.0940	2,800	10,100	150	
250	8.76	3.58	99	64	0.0736	2,800	12,050	150	
325	8.76	3.58	106	64	0.0576	2,400	14,350	150	