

600V 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. 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	
2.0	0.76	0.38	4.5	3.5	9.24	2500	70	300	1C
3.5	0.76	0.38	5.0	3.5	5.20	2000	95	300	
5.5	0.76	0.38	5.5	3.5	3.33	2000	120	300	
8	1.14	0.38	7.0	5.5	2.31	1500	160	300	
14	1.14	0.76	8.5	5.5	1.30	1500	260	300	
22	1.14	0.76	10.0	5.5	0.824	1500	310	300	
38	1.40	0.76	12.0	7.0	0.487	1000	480	300	
60	1.40	1.14	15.0	7.0	0.303	1000	700	300	
100	1.40	1.14	17.5	7.0	0.180	800	1100	300	
150	1.65	1.65	23	8.0	0.118	800	1650	300	
200	1.65	1.65	25	8.0	0.0922	800	2060	200	
250	1.65	1.65	27	8.0	0.0722	600	3260	200	
325	2.03	1.65	30	10.0	0.0565	600	3580	200	
400	2.03	1.65	33	10.0	0.0454	600	4000	200	
500	2.03	1.65	35	10.0	0.0373	600	4800	150	

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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	
2.0	0.76	1.14	11.0	3.5	9.42	2500	145	300	2C
3.5	0.76	1.14	12.5	3.5	5.30	2000	200	300	
5.5	0.76	1.14	13.5	3.5	3.40	2000	260	300	
8	1.14	1.52	16.5	5.5	2.36	1500	360	300	
14	1.14	1.52	18.5	5.5	1.33	1500	520	300	
22	1.14	1.52	21	5.5	0.840	1500	720	300	
38	1.40	2.03	26	7.0	0.497	1000	1180	300	
60	1.40	2.03	30	7.0	0.309	1000	1700	300	
100	1.40	2.03	36	7.0	0.184	800	2630	300	
150	1.65	2.03	43	8.0	0.120	800	3870	300	
200	1.65	2.79	46	8.0	0.0940	800	4810	300	
250	1.65	2.79	53	8.0	0.0736	600	5850	200	
325	2.03	2.79	60	10.0	0.0576	600	7410	200	

構造表

600V XLPE 低煙無毒電纜

參中國國家標準 CNS

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/5 分	Ω/km	MΩ-km	kg/km	m	
2.0	0.76	1.14	11.5	3.5	9.42	2500	175	300	3C
3.5	0.76	1.14	13.0	3.5	5.30	2000	235	300	
5.5	0.76	1.14	14.0	3.5	3.40	2000	320	300	
8	1.14	1.52	17.0	5.5	2.36	1500	450	300	
14	1.14	1.52	19.5	5.5	1.33	1500	670	300	
22	1.14	1.52	23	5.5	0.840	1500	990	300	
38	1.40	2.03	28	7.0	0.497	1000	1540	300	
60	1.40	2.03	32	7.0	0.309	1000	2270	300	
100	1.40	2.03	38	7.0	0.184	800	3560	300	
150	1.65	2.03	47	8.0	0.120	800	5460	300	
200	1.65	2.79	51	8.0	0.0940	800	6790	200	
250	1.65	2.79	56	8.0	0.0736	600	8170	200	
325	2.03	2.79	62	10.0	0.0576	600	11600	200	
2.0	0.76	1.14	12.5	3.5	9.42	2500	210	300	4C
3.5	0.76	1.14	14.0	3.5	5.30	2000	290	300	
5.5	0.76	1.52	16.0	3.5	3.40	2000	410	300	
8	1.14	1.52	19.0	5.5	2.36	1500	560	300	
14	1.14	1.52	22	5.5	1.33	1500	840	300	
22	1.14	2.03	25	5.5	0.840	1500	1250	300	
38	1.40	2.03	30	7.0	0.497	1000	1960	300	
60	1.40	2.03	35	7.0	0.309	1000	2910	300	
100	1.40	2.79	43	7.0	0.184	800	4750	300	