

600V LSFH INSULATED WIRES

Refer to CNS STANDARD

Conductor			Thickness of Insulation	Approx. Overall Diameter	A.C. Voltage Test	Max. Conductor D.C. Resistance (20°C)	Min. Insulation Resistance (20°C)	Approx. Cable Weight	Standard Length
Nominal Cross-section Area	Nominal Dia. and number of wires	Approx. Diameter							
mm ²	No/mm	mm	mm	mm	V/1min.	Ω/km	MΩ-km	kg/km	m
1.25	7/0.45	1.35	0.8	3.0	1,500	16.5	50	20	300
2.0	7/0.6	1.8	0.8	3.4	1,500	9.24	50	29	300
3.5	7/0.8	2.4	0.8	4.0	1,500	5.20	50	46	300
5.5	7/1.0	3.0	1.0	5.0	1,500	3.33	50	72	300
8	7/1.2	3.6	1.2	6.0	1,500	2.31	50	105	300
14	7/1.6	4.8	1.4	7.6	2,000	1.30	50	175	300
22	7/2.0	6.0	1.6	9.2	2,000	0.824	40	265	300
30	7/2.3	6.9	1.6	10.5	2,000	0.623	40	340	300
38	7/2.6	7.8	1.8	11.5	2,500	0.487	40	435	300
50	19/1.8	9.0	1.8	13.0	2,500	0.378	30	540	300
60	19/2.0	10.0	1.8	14.0	2,500	0.303	30	660	300
80	19/2.3	11.5	2.0	15.5	2,500	0.229	30	860	300
100	19/2.6	13.0	2.0	17.0	2,500	0.180	30	1,080	300
125	19/2.9	14.5	2.2	19.0	3,000	0.144	20	1,350	300
150	37/2.3	16.1	2.2	21	3,000	0.118	20	1,610	300
200	37/2.6	18.2	2.4	23	3,000	0.0922	20	2,050	300
250	61/2.3	20.7	2.4	26	3,000	0.0722	20	2,600	200
325	61/2.6	23.4	2.6	29	3,500	0.0565	20	3,300	200
400	61/2.9	26.1	2.6	32	3,500	0.0454	20	4,050	200
500	61/3.2	28.8	2.8	35	3,500	0.0373	20	4,950	200