LSZH Flame Retardant Cables

tel (65) 6367 0107 fax (65) 6365 2963 www.keystone-cable.com

600/1000V Multi-Core XLPE Insulated, Unarmoured & Armoured, LSZH Sheathed, Flame Retardant Cable CU/XLPE/LSZH or CU/XLPE/LSZH/SWA/LSZH



Application:	This cable is mainly used in power stations, mass transit underground passenger systems, airports, petrochemical plants, hotels, hospitals, and highrise buildings.
Voltage rating :	600/1000V
Construction:	Plain annealed copper, XLPE or XLEVA compound insulated, unarmoured or galvanized steel wires armoured, LSZH compound sheathed cable
Insulation colour:	White (with black numbering)
Sheath colour :	Black
Specification:	Refer BS6724, IEC60502-1, IEC60332-1, IEC60332-3, IEC60754, IEC61034

No. of Core	Conductor		Insulation	Unarmoured Cable		Armoured Cable	
	Nominal Area	No./Dia. Of Strand	Thickness	Approx. Overall Dia.	Approx. Weight	Approx Overall Dia.	Approx. Weight
	mm²	No./mm	mm	mm	kg/km	mm	kg/km
5				12.2	215	16.5	420
7				13.2	260	17.5	485
10	- 1.5	7/0.53	0.7	16.3	365	20.5	720
12				16.5	405	21.5	800
19				19.5	570	24.7	1040
27				23.0	770	30.0	1525
37				25.5	1000	33.0	1845
48				29.5	1255	36.0	2245
5	2.5	7/0.67	0.7	13.4	280	18.0	470
7				14.5	350	18.6	625
10				18.0	485	23.0	925
12				18.5	545	24.0	1050
19				21.5	780	28.5	1570
27				25.5	1060	33.0	2000
37				28.7	1380	36.0	2470
48				32.9	1770	41.0	3340
5	4.0	7/0.85	0.7	14.8	375	20.0	770
7				16.1	476	21.0	900
10				20.1	670	26.0	1260
12				20.8	760	27.0	1510
19				24.2	1105	31.0	2000
27				28.8	1520	36.0	2630
37				32.8	2000	42.0	3580
48				37.7	2600	47.0	4370

Current rating and voltage drop
For Unarmoured Cable, please refer to Tables 2 & 3 (Page 50)
For Armoured Cable, please refer to Tables 8 & 9 (Page 53)