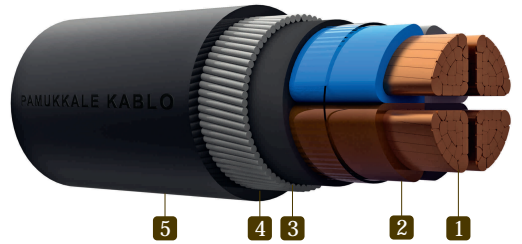


CONSTRUCTION

- 1 Copper conductor (class 2)
- 2 XLPE insulation
- 3 LSZH bedding
- 4 Galvanized round steel wire
- 5 LSZH outer sheath



SPECIFICATIONS

Code : Cu/XLPE/LSZH/SWA/LSZH
 Standards : BS 6724
 Rated Voltage : $U_0/U=0.6/1$ kV

Application :
 These cables can withstand mechanical stress. Used in places which are subject to fire danger such as hotels, hospitals, shopping centers, power plants, information technology centers and in places where human groups are carried by railway systems and also where valuable equipments are kept. These cables do not conduct flame during fire, do not create high smoke density, do not create corrosive ambients and therefore provides increased protection. Can be used internally, externally or in underground.

Temperature Range	Max. Operating Temperature	Short Circuit Temperature	Flame Retardant IEC 60332 -1-2	Flame Retardant IEC 60332 -3-24 Cat.C	Halogen Free IEC 60754-1/2	Low Smoke Emission IEC 61034-1/2	Min. Bending Radius	RoHS

PHYSICAL AND ELECTRICAL PROPERTIES

Nominal cross-section	Overall diameter approx.	Net weight approx.	Delivery length	Delivery drum type	Conductor DC resistance at 20°C	Current carrying capacity in (30°C)	
						Earth	Air
mm ²	mm	kg/km	m	cm	/ km (max.)	A	A
3x1.5	12	300	1000	80	12.1	31	24
3x2.5	14	380	1000	90	7.41	40	32
3x4	15	470	1000	90	4.61	52	42
3x6	16	570	1000	100	3.08	64	53
3x10	19	860	1000	110	1.83	86	74
3x16	21	1120	1000	120	1.15	112	98
3x25	26	1700	1000	140	0.727	145	133
3x35	28	2100	1000	150	0.524	174	162
3x50	30	2400	1000	150	0.387	206	197
4x1.5	13	330	1000	80	12.1	31	24
4x2.5	15	440	1000	90	7.41	40	32
4x4	16	535	1000	100	4.61	52	42
4x6	18	760	1000	110	3.08	64	53
4x10	20	1000	1000	120	1.83	86	74
4x16	23	1330	1000	130	1.15	112	98
4x25	28	2025	1000	150	0.727	145	133
4x35	30	2550	1000	150	0.524	174	162
4x50	32	3100	1000	160	0.387	206	197
4x70	37	4340	1000	180	0.268	254	250
4x95	41	5580	1000	200	0.193	305	308
4x120	46	7200	500	180	0.153	348	359
4x150	50	8750	500	200	0.124	392	412
4x185	55	10550	500	210	0.0991	444	475
4x240	61	13070	500	220	0.0754	517	564
4x300	65	15900	500	240	0.0601	585	649
5x1.5	14	390	1000	90	12.1	31	24
5x2.5	15	494	1000	90	7.41	40	32
5x4	17	625	1000	100	4.61	52	42
5x6	19	875	1000	110	3.08	64	53
5x10	22	1200	1000	110	1.83	86	74
5x16	26	1750	1000	120	1.15	112	98
5x25	30	2400	1000	150	0.727	145	133
5x35	33	3050	1000	160	0.524	174	162