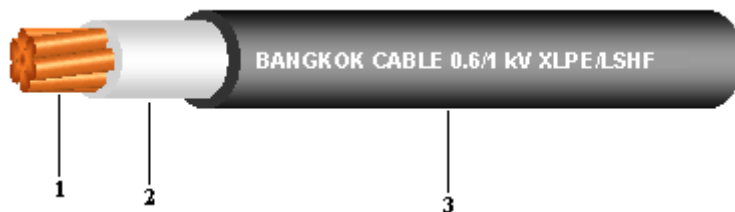


# 0.6/1 kV XLPE/LSHF

IEC 60502 (1 CORE)



## Construction :

1. Conductor : Concentric stranded or compact stranded annealed copper wires
2. Insulation : Cross-linked polyethylene (XLPE) Natural color
3. Sheath : Low smoke halogen free thermoplastic compound (LSHF)

## Application :

The cable are specially designed to widely used in crowded buildings and structure where flame retardant and low smoke halogen free properties are required.

Nominal cross-sectional area sq.mm	Conductor		Thickness of insulation (Nominal) mm	Thickness of Sheath (Nominal) mm	Overall diameter (Approx.) mm	Maximum conductor resistance (at 20°C) Ohm/km	Current rating in air A	Cable weight (Approx.) kg/km	Standard Length m
	Strands	Diameter (Approx.) mm							
1.5	7/0.52	1.56	0.7	1.4	6.5	12.1	27	50	500/D
2.5	7/0.67	2.01	0.7	1.4	7.0	7.41	36	60	500/D
4	7/0.85	2.55	0.7	1.4	7.5	4.61	48	80	500/D
6	7/1.04	3.12	0.7	1.4	8.0	3.08	61	100	500/D
10	6	3.72	0.7	1.4	8.5	1.83	82	150	500/D
16	6	4.69	0.7	1.4	9.5	1.15	110	210	500/D
25	6	5.90	0.9	1.4	11.5	0.727	145	320	500/D
35	6	6.95	0.9	1.4	12.5	0.524	180	420	500/D
50	6	8.33	1.0	1.4	14.0	0.387	220	560	500/D
70	12	9.73	1.1	1.4	15.5	0.268	280	770	500/D
95	15	11.43	1.1	1.5	17.5	0.193	345	1050	500/D
120	18	12.95	1.2	1.5	19.5	0.153	400	1300	500/D
150	18	14.27	1.4	1.6	21.5	0.124	460	1600	500/D
185	30	15.98	1.6	1.6	23.5	0.0991	530	2000	500/D
240	34	18.47	1.7	1.7	26.5	0.0754	630	2600	500/D
300	34	20.68	1.8	1.8	29.0	0.0601	725	3230	500/D
400	53	23.39	2.0	1.9	32.5	0.0470	840	4100	500/D
500	53	26.67	2.2	2.0	36.5	0.0366	1000	5260	500/D
630	53	30.22	2.4	2.2	41.0	0.0283	1170	6780	400/D
800	53	34.00	2.6	2.3	45.5	0.0221	1340	8630	400/D