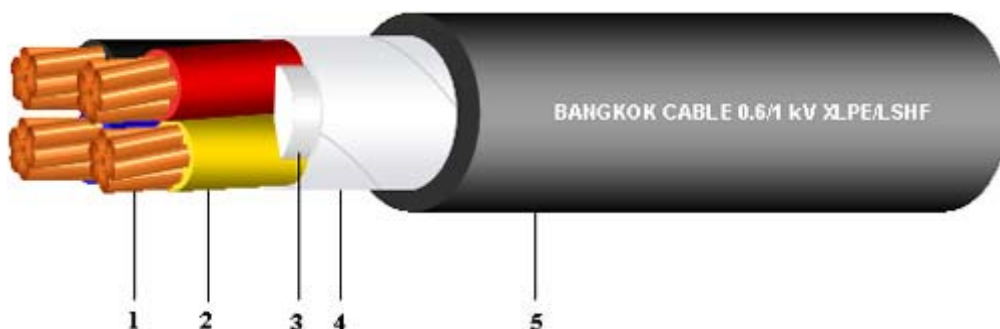


# 0.6/1 kV XLPE/LSHF

IEC 60502 (4 CORE)



## Construction :

1. Conductor : Concentric stranded or compact stranded annealed copper wires
2. Insulation : Cross-linked polyethylene (XLPE)  
Identification : Red, Yellow, Blue and Black color
3. Filler : Polypropylene (Non-hygroscopic material)
4. Binding tape : Non-hygroscopic material
5. 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	1.8	12.0	12.1	21	180	500/D
2.5	7/0.67	2.01	0.7	1.8	13.0	7.41	28	230	500/D
4	7/0.85	2.55	0.7	1.8	14.5	4.61	37	310	500/D
6	7/1.04	3.12	0.7	1.8	16.0	3.08	48	410	500/D
10	6	3.72	0.7	1.8	17.5	1.83	64	600	500/D
16	6	4.69	0.7	1.8	19.5	1.15	86	870	500/D
25	6	5.90	0.9	1.8	23.5	0.727	115	1330	500/D
35	6	6.95	0.9	1.8	26.5	0.524	140	1780	500/D
50	6	8.33	1.0	1.8	30.5	0.387	170	1370	500/D
70	12	9.73	1.1	2.0	35.0	0.268	215	3330	500/D
95	15	11.43	1.1	2.1	39.0	0.193	260	1500	500/D
120	18	12.95	1.2	2.3	44.0	0.153	305	5670	400/D
150	18	14.27	1.4	2.4	48.5	0.124	350	6980	400/D
185	30	15.98	1.6	2.6	54.0	0.0991	405	8740	300/D
240	34	18.47	1.7	2.8	61.0	0.0754	490	11390	200/D
300	34	20.68	1.8	3.0	67.5	0.0601	565	14160	150/D
400	53	23.39	2.0	3.3	76.0	0.0470	655	18050	150/D