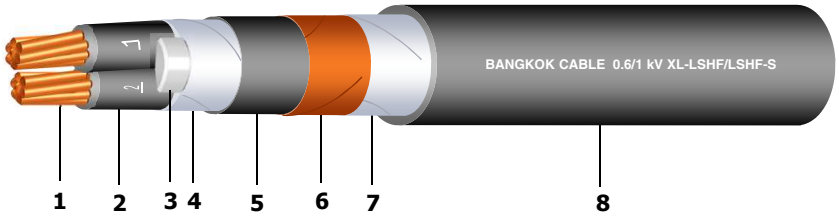
0.6/1 kV XL-LSHF/LSHF-S

LOW SMOKE & HALOGEN FREE CONTROL CABLES WITH METALLIC SHIELD



Standards Achieved :

Construction	: IEC 60228, IEC 60502-1
Flame propagation	: IEC 60332-1-2
	: IEC 60332-3 Categories A, B, C
Acid gas emission	: IEC 60754-2
Smoke emission	: IEC 61034-2

Construction :

1. Conductor	: Concentric stranded copper wires
2. Insulation	: Cross-linked low smoke & halogen free compound (XL-LSHF), Black colour with marking number
3. Filler	: LSHF rod and/or FR-filler yarn
4. Binding tape	: Polyester tape
5. Inner sheath	: Low smoke & halogen free compound (LSHF), Black colour
6. Metallic shield	: Annealed copper tape
7. Binding tape	: Polyester tape
8. Outer sheath	: Low smoke & halogen free compound (LSHF), Black colour, or any colour

Classification :

Maximum conductor temperature	: 90°C
Maximum circuit voltage	: 1,000 V
AC test voltage	: 3,500 V

Application :

Preferably used for installation into conduit and open tray wiring which provide flame retardant, low smoke & corrosive gases properties in case of fire.

No. of core	Conductor			Thickness of insulation	Thickness of inner sheath	Thickness of outer sheath	Overall diameter	Conductor resistance at 20°C	Insulation resistance at 20°C	Cable weight	Standard length
	Cross-sectional area	No. of wires	Diameter								
	mm^2	(Min.)	mm (Approx.)	mm (Nominal)	mm (Approx.)	mm (Nominal)	mm (Approx.)	Ω/km (Max.)	MΩ.km (Min.)	kg/km (Approx.)	m
2	1.5	7	1.53	0.7	1.0	1.8	13.0	12.1	2,500	220	500
	2.5	7	1.98	0.7	1.0	1.8	14.0	7.41	2,100	260	500
	4	7	2.49	0.7	1.0	1.8	15.0	4.61	1,800	320	500
	6	7	3.09	0.7	1.0	1.8	16.5	3.08	1,500	390	500
	10	7	3.99	0.7	1.0	1.8	18.0	1.83	1,200	520	500
3	1.5	7	1.53	0.7	1.0	1.8	13.5	12.1	2,500	250	500
	2.5	7	1.98	0.7	1.0	1.8	14.5	7.41	2,100	300	500
	4	7	2.49	0.7	1.0	1.8	16.0	4.61	1,800	370	500
	6	7	3.09	0.7	1.0	1.8	17.0	3.08	1,500	470	500
	10	7	3.99	0.7	1.0	1.8	19.0	1.83	1,200	640	500
4	1.5	7	1.53	0.7	1.0	1.8	14.5	12.1	2,500	280	500
	2.5	7	1.98	0.7	1.0	1.8	15.5	7.41	2,100	350	500
	4	7	2.49	0.7	1.0	1.8	17.0	4.61	1,800	440	500
	6	7	3.09	0.7	1.0	1.8	18.5	3.08	1,500	560	500
	10	7	3.99	0.7	1.0	1.8	20.5	1.83	1,200	780	500
5	1.5	7	1.53	0.7	1.0	1.8	15.5	12.1	2,500	330	500
	2.5	7	1.98	0.7	1.0	1.8	16.5	7.41	2,100	410	500
	4	7	2.49	0.7	1.0	1.8	18.0	4.61	1,800	520	500
	6	7	3.09	0.7	1.0	1.8	19.5	3.08	1,500	680	500
	10	7	3.99	0.7	1.0	1.8	22.0	1.83	1,200	950	500

0.6/1 kV XL-LSHF/LSHF-S

No. of core	Conductor			Thickness of insulation	Thickness of inner sheath	Thickness of outer sheath	Overall diameter	Conductor resistance at 20°C	Insulation resistance at 20°C	Cable weight	Standard length
	Cross-sectional area	No. of wires	Diameter								
	mm^2	(Min.)	mm (Approx.)	mm (Nominal)	mm (Approx.)	mm (Nominal)	mm (Approx.)	Ω/km (Max.)	MΩ.km (Min.)	kg/km (Approx.)	m
6	1.5	7	1.53	0.7	1.0	1.8	16.5	12.1	2,500	360	500
	2.5	7	1.98	0.7	1.0	1.8	17.5	7.41	2,100	450	500
	4	7	2.49	0.7	1.0	1.8	19.0	4.61	1,800	580	500
	6	7	3.09	0.7	1.0	1.8	21.0	3.08	1,500	750	500
	10	7	3.99	0.7	1.0	1.8	23.5	1.83	1,200	1,060	500
7	1.5	7	1.53	0.7	1.0	1.8	16.5	12.1	2,500	370	500
	2.5	7	1.98	0.7	1.0	1.8	17.5	7.41	2,100	470	500
	4	7	2.49	0.7	1.0	1.8	19.0	4.61	1,800	610	500
	6	7	3.09	0.7	1.0	1.8	21.0	3.08	1,500	800	500
	10	7	3.99	0.7	1.0	1.8	23.5	1.83	1,200	1,140	500
8	1.5	7	1.53	0.7	1.0	1.8	17.0	12.1	2,500	410	500
	2.5	7	1.98	0.7	1.0	1.8	18.5	7.41	2,100	520	500
	4	7	2.49	0.7	1.0	1.8	20.5	4.61	1,800	680	500
	6	7	3.09	0.7	1.0	1.8	22.5	3.08	1,500	890	500
	10	7	3.99	0.7	1.0	1.8	25.5	1.83	1,200	1,290	500
9	1.5	7	1.53	0.7	1.0	1.8	18.0	12.1	2,500	450	500
	2.5	7	1.98	0.7	1.0	1.8	20.0	7.41	2,100	580	500
	4	7	2.49	0.7	1.0	1.8	21.5	4.61	1,800	750	500
	6	7	3.09	0.7	1.0	1.8	24.0	3.08	1,500	1,000	500
	10	7	3.99	0.7	1.0	1.8	27.0	1.83	1,200	1,440	500
10	1.5	7	1.53	0.7	1.0	1.8	19.5	12.1	2,500	490	500
	2.5	7	1.98	0.7	1.0	1.8	21.0	7.41	2,100	630	500
	4	7	2.49	0.7	1.0	1.8	23.0	4.61	1,800	820	500
	6	7	3.09	0.7	1.0	1.8	25.5	3.08	1,500	1,090	500
	10	7	3.99	0.7	1.0	1.8	29.0	1.83	1,200	1,580	500
11	1.5	7	1.53	0.7	1.0	1.8	20.0	12.1	2,500	530	500
	2.5	7	1.98	0.7	1.0	1.8	21.5	7.41	2,100	690	500
	4	7	2.49	0.7	1.0	1.8	24.0	4.61	1,800	900	500
	6	7	3.09	0.7	1.0	1.8	26.5	3.08	1,500	1,200	500
	10	7	3.99	0.7	1.0	1.8	30.0	1.83	1,200	1,740	500
12	1.5	7	1.53	0.7	1.0	1.8	20.0	12.1	2,500	540	500
	2.5	7	1.98	0.7	1.0	1.8	21.5	7.41	2,100	710	500
	4	7	2.49	0.7	1.0	1.8	24.0	4.61	1,800	930	500
	6	7	3.09	0.7	1.0	1.8	26.5	3.08	1,500	1,250	500
	10	7	3.99	0.7	1.0	1.8	30.0	1.83	1,200	1,820	500
13	1.5	7	1.53	0.7	1.0	1.8	20.5	12.1	2,500	590	500
	2.5	7	1.98	0.7	1.0	1.8	22.5	7.41	2,100	770	500
	4	7	2.49	0.7	1.0	1.8	25.0	4.61	1,800	1,020	500
	6	7	3.09	0.7	1.0	1.8	27.5	3.08	1,500	1,360	500
	10	7	3.99	0.7	1.0	1.8	31.5	1.83	1,200	1,990	500
14	1.5	7	1.53	0.7	1.0	1.8	20.5	12.1	2,500	600	500
	2.5	7	1.98	0.7	1.0	1.8	22.5	7.41	2,100	790	500
	4	7	2.49	0.7	1.0	1.8	25.0	4.61	1,800	1,050	500
	6	7	3.09	0.7	1.0	1.8	27.5	3.08	1,500	1,410	500
	10	7	3.99	0.7	1.0	1.8	31.5	1.83	1,200	2,070	500
15	1.5	7	1.53	0.7	1.0	1.8	21.5	12.1	2,500	650	500
	2.5	7	1.98	0.7	1.0	1.8	23.5	7.41	2,100	860	500
	4	7	2.49	0.7	1.0	1.8	26.0	4.61	1,800	1,140	500
	6	7	3.09	0.7	1.0	1.8	29.0	3.08	1,500	1,540	500
	10	7	3.99	0.7	1.0	1.9	33.5	1.83	1,200	2,280	500

BCC
BANGKOK CABLE

0.6/1 kV XL-LSHF/LSHF-S

No. of core	Conductor			Thickness of insulation	Thickness of inner sheath	Thickness of outer sheath	Overall diameter	Conductor resistance at 20°C	Insulation resistance at 20°C	Cable weight	Standard length
	Cross-sectional area	No. of wires	Diameter								
	mm^2	(Min.)	mm (Approx.)	mm (Nominal)	mm (Approx.)	mm (Nominal)	mm (Approx.)	Ω/km (Max.)	MΩ.km (Min.)	kg/km (Approx.)	m
16	1.5	7	1.53	0.7	1.0	1.8	21.5	12.1	2,500	660	500
	2.5	7	1.98	0.7	1.0	1.8	23.5	7.41	2,100	880	500
	4	7	2.49	0.7	1.0	1.8	26.0	4.61	1,800	1,170	500
	6	7	3.09	0.7	1.0	1.8	29.0	3.08	1,500	1,590	500
	10	7	3.99	0.7	1.0	1.9	33.5	1.83	1,200	2,360	500
17	1.5	7	1.53	0.7	1.0	1.8	22.5	12.1	2,500	720	500
	2.5	7	1.98	0.7	1.0	1.8	24.5	7.41	2,100	950	500
	4	7	2.49	0.7	1.0	1.8	27.0	4.61	1,800	1,270	500
	6	7	3.09	0.7	1.0	1.8	30.0	3.08	1,500	1,720	500
	10	7	3.99	0.7	1.0	1.9	35.0	1.83	1,200	2,560	500
18	1.5	7	1.53	0.7	1.0	1.8	22.5	12.1	2,500	730	500
	2.5	7	1.98	0.7	1.0	1.8	24.5	7.41	2,100	970	500
	4	7	2.49	0.7	1.0	1.8	27.0	4.61	1,800	1,300	500
	6	7	3.09	0.7	1.0	1.8	30.0	3.08	1,500	1,770	500
	10	7	3.99	0.7	1.0	1.9	35.0	1.83	1,200	2,640	500
19	1.5	7	1.53	0.7	1.0	1.8	22.5	12.1	2,500	740	500
	2.5	7	1.98	0.7	1.0	1.8	24.5	7.41	2,100	990	500
	4	7	2.49	0.7	1.0	1.8	27.0	4.61	1,800	1,330	500
	6	7	3.09	0.7	1.0	1.8	30.0	3.08	1,500	1,810	500
	10	7	3.99	0.7	1.0	1.9	35.0	1.83	1,200	2,710	500
20	1.5	7	1.53	0.7	1.0	1.8	23.5	12.1	2,500	790	500
	2.5	7	1.98	0.7	1.0	1.8	25.5	7.41	2,100	1,070	500
	4	7	2.49	0.7	1.0	1.8	28.5	4.61	1,800	1,440	500
	6	7	3.09	0.7	1.0	1.9	32.0	3.08	1,500	1,970	500
	10	7	3.99	0.7	1.2	2.0	37.5	1.83	1,200	2,970	500
21	1.5	7	1.53	0.7	1.0	1.8	23.5	12.1	2,500	800	500
	2.5	7	1.98	0.7	1.0	1.8	25.5	7.41	2,100	1,080	500
	4	7	2.49	0.7	1.0	1.8	28.5	4.61	1,800	1,450	500
	6	7	3.09	0.7	1.0	1.9	32.0	3.08	1,500	2,000	500
	10	7	3.99	0.7	1.2	2.0	37.5	1.83	1,200	3,030	500
22	1.5	7	1.53	0.7	1.0	1.8	24.5	12.1	2,500	860	500
	2.5	7	1.98	0.7	1.0	1.8	27.0	7.41	2,100	1,170	500
	4	7	2.49	0.7	1.0	1.8	29.5	4.61	1,800	1,570	500
	6	7	3.09	0.7	1.0	1.9	33.5	3.08	1,500	2,160	500
	10	7	3.99	0.7	1.2	2.1	39.0	1.83	1,200	3,290	500
23	1.5	7	1.53	0.7	1.0	1.8	24.5	12.1	2,500	860	500
	2.5	7	1.98	0.7	1.0	1.8	27.0	7.41	2,100	1,160	500
	4	7	2.49	0.7	1.0	1.8	29.5	4.61	1,800	1,580	500
	6	7	3.09	0.7	1.0	1.9	33.5	3.08	1,500	2,180	500
	10	7	3.99	0.7	1.2	2.1	39.0	1.83	1,200	3,320	500
24	1.5	7	1.53	0.7	1.0	1.8	25.5	12.1	2,500	900	500
	2.5	7	1.98	0.7	1.0	1.8	28.0	7.41	2,100	1,220	500
	4	7	2.49	0.7	1.0	1.8	31.0	4.61	1,800	1,650	500
	6	7	3.09	0.7	1.2	2.0	35.5	3.08	1,500	2,320	500
	10	7	3.99	0.7	1.2	2.1	41.5	1.83	1,200	3,460	400
25	1.5	7	1.53	0.7	1.0	1.8	26.0	12.1	2,500	950	500
	2.5	7	1.98	0.7	1.0	1.8	28.5	7.41	2,100	1,290	500
	4	7	2.49	0.7	1.0	1.8	32.0	4.61	1,800	1,750	500
	6	7	3.09	0.7	1.2	2.0	36.5	3.08	1,500	2,460	500
	10	7	3.99	0.7	1.2	2.1	42.0	1.83	1,200	3,660	400

0.6/1 kV XL-LSHF/LSHF-S

No. of core	Conductor			Thickness of insulation	Thickness of inner sheath	Thickness of outer sheath	Overall diameter	Conductor resistance at 20°C	Insulation resistance at 20°C	Cable weight	Standard length
	Cross-sectional area	No. of wires	Diameter								
	mm^2	(Min.)	mm (Approx.)	mm (Nominal)	mm (Approx.)	mm (Nominal)	mm (Approx.)	Ω/km (Max.)	MΩ.km (Min.)	kg/km (Approx.)	m
26	1.5	7	1.53	0.7	1.0	1.8	26.0	12.1	2,500	960	500
	2.5	7	1.98	0.7	1.0	1.8	28.5	7.41	2,100	1,310	500
	4	7	2.49	0.7	1.0	1.8	32.0	4.61	1,800	1,770	500
	6	7	3.09	0.7	1.2	2.0	36.5	3.08	1,500	2,500	500
	10	7	3.99	0.7	1.2	2.1	42.0	1.83	1,200	3,740	400
27	1.5	7	1.53	0.7	1.0	1.8	26.0	12.1	2,500	970	500
	2.5	7	1.98	0.7	1.0	1.8	28.5	7.41	2,100	1,320	500
	4	7	2.49	0.7	1.0	1.9	32.0	4.61	1,800	1,820	500
	6	7	3.09	0.7	1.2	2.0	36.5	3.08	1,500	2,550	500
	10	7	3.99	0.7	1.2	2.2	42.5	1.83	1,200	3,840	400
28	1.5	7	1.53	0.7	1.0	1.8	27.0	12.1	2,500	1,030	500
	2.5	7	1.98	0.7	1.0	1.8	29.5	7.41	2,100	1,400	500
	4	7	2.49	0.7	1.0	1.9	33.0	4.61	1,800	1,930	500
	6	7	3.09	0.7	1.2	2.0	37.5	3.08	1,500	2,700	500
	10	7	3.99	0.7	1.2	2.2	44.0	1.83	1,200	4,060	400
29	1.5	7	1.53	0.7	1.0	1.8	27.0	12.1	2,500	1,040	500
	2.5	7	1.98	0.7	1.0	1.8	29.5	7.41	2,100	1,420	500
	4	7	2.49	0.7	1.0	1.9	33.0	4.61	1,800	1,960	500
	6	7	3.09	0.7	1.2	2.0	37.5	3.08	1,500	2,740	500
	10	7	3.99	0.7	1.2	2.2	44.0	1.83	1,200	4,130	400
30	1.5	7	1.53	0.7	1.0	1.8	27.0	12.1	2,500	1,050	500
	2.5	7	1.98	0.7	1.0	1.8	29.5	7.41	2,100	1,440	500
	4	7	2.49	0.7	1.0	1.9	33.0	4.61	1,800	1,980	500
	6	7	3.09	0.7	1.2	2.0	37.5	3.08	1,500	2,790	500
	10	7	3.99	0.7	1.2	2.2	44.0	1.83	1,200	4,210	400