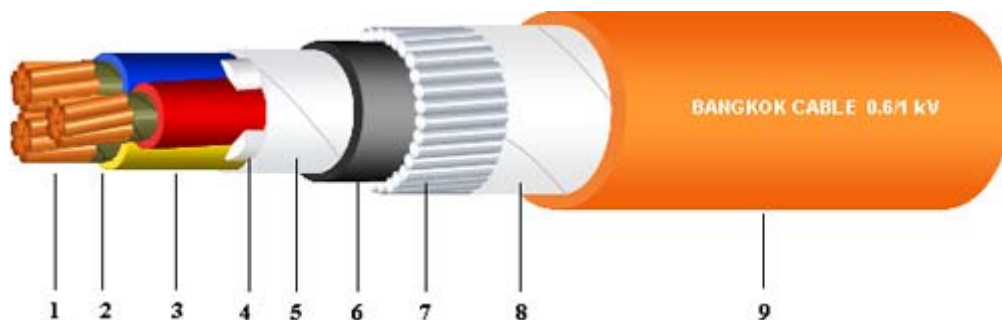


0.6/1 kV FRC-XLPE/SWA/LSHF

IEC 60502 (3 CORE)



Construction :

1. Conductor : Concentric stranded or compact stranded annealed copper wires
2. Fire Barrier Tape : Mica Tape
3. Insulation : Cross-linked polyethylene (XLPE)
Identification : Red, Yellow and Blue color
4. Filler : Non-hygroscopic material
5. Binding Tape : Polyester / Spunbond Tape
6. Inner Sheath : Low smoke halogen free thermoplastic compound (LSHF)
7. Armour : Galvanized steel wire
8. Binding Tape : Polyester / Spunbond Tape
9. Outer Sheath : Low smoke halogen free thermoplastic compound (LSHF) Orange color

Application :

The cable is specially designed for general purpose where fire resistance properties and low smoke halogen free are required to maintain the critical circuit against fire attack.

Nominal cross-sectional area	Conductor		Thickness of insulation (Nominal)	Thickness of Inner Sheath (Approx.)	Diameter of steel wire armour (Nominal)	Thickness of Outer Sheath (Nominal)	Overall diameter (Approx.)	Maximum conductor resistance (at 20°C)	Current rating in air	Cable weight (Approx.)	Standard Length
	Strands	Diameter (Approx.)									
sq.mm		mm	mm	mm	mm	mm	mm	Ohm/km	A	kg/km	m
1.5	7/0.52	1.56	0.7	1.0	0.8	1.8	17.5	12.1	22	430	500/D
2.5	7/0.67	2.01	0.7	1.0	0.8	1.8	18.0	7.41	29	490	500/D
4	7/0.85	2.55	0.7	1.0	1.25	1.8	20.5	4.61	39	710	500/D
6	7/1.04	3.12	0.7	1.0	1.25	1.8	21.5	3.08	50	830	500/D
10	6	3.72	0.7	1.0	1.25	1.8	23.0	1.83	67	1010	500/D
16	6	4.69	0.7	1.0	1.6	1.8	25.5	1.15	89	1420	500/D
25	6	5.90	0.9	1.0	1.6	1.8	29.0	0.727	120	1910	500/D
35	6	6.95	0.9	1.0	1.6	1.9	32.0	0.524	145	2370	500/D
50	6	8.33	1.0	1.0	1.6	2.0	36.0	0.387	175	2980	500/D
70	12	9.73	1.1	1.2	2.0	2.1	41.0	0.268	220	4170	400/D
95	15	11.43	1.1	1.2	2.0	2.2	44.5	0.193	275	5250	400/D
120	18	12.95	1.2	1.2	2.5	2.4	50.0	0.153	315	6760	400/D
150	18	14.27	1.4	1.4	2.5	2.5	54.5	0.124	360	8060	300/D
185	30	15.98	1.6	1.4	2.5	2.7	59.5	0.0991	410	9700	250/D
240	34	18.47	1.7	1.6	2.5	2.9	66.5	0.0754	480	12170	150/D
300	34	20.68	1.8	1.6	2.5	3.1	72.0	0.0601	550	14640	150/D
400	53	23.39	2.0	1.6	3.15	3.4	81.0	0.0470	625	18950	100/D