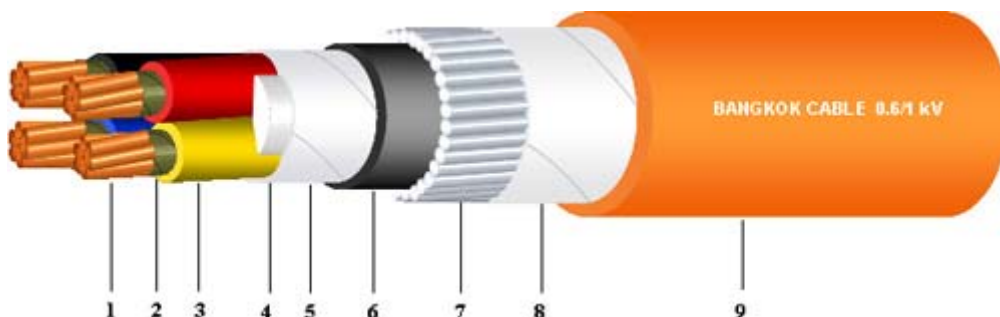


0.6/1 kV FRC-XLPE/SWA/LSHF

IEC 60502 (4 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, Blue and Black 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	18.0	12.1	22	480	500/D
2.5	7/0.67	2.01	0.7	1.0	1.25	1.8	20.0	7.41	29	690	500/D
4	7/0.85	2.55	0.7	1.0	1.25	1.8	21.5	4.61	39	810	500/D
6	7/1.04	3.12	0.7	1.0	1.25	1.8	23.0	3.08	50	970	500/D
10	6	3.72	0.7	1.0	1.25	1.8	24.5	1.83	67	1190	500/D
16	6	4.69	0.7	1.0	1.6	1.8	27.5	1.15	89	1690	500/D
25	6	5.90	0.9	1.0	1.6	1.8	31.5	0.727	120	2310	500/D
35	6	6.95	0.9	1.0	1.6	1.9	34.5	0.524	145	2870	500/D
50	6	8.33	1.0	1.0	2.0	2.1	39.5	0.387	175	3900	500/D
70	12	9.73	1.1	1.2	2.0	2.2	44.5	0.268	220	5100	400/D
95	15	11.43	1.1	1.2	2.5	2.4	50.0	0.193	275	6940	400/D
120	18	12.95	1.2	1.4	2.5	2.6	55.0	0.153	315	8440	300/D
150	18	14.27	1.4	1.4	2.5	2.7	59.5	0.124	360	10010	250/D
185	30	15.98	1.6	1.6	2.5	2.9	66.0	0.0991	410	12160	150/D
240	34	18.47	1.7	1.6	2.5	3.1	73.0	0.0754	480	15210	100/D
300	34	20.68	1.8	1.6	3.15	3.3	80.5	0.0601	550	19300	100/D
400	53	23.39	2.0	1.8	3.15	3.6	89.5	0.0470	625	23890	100/D