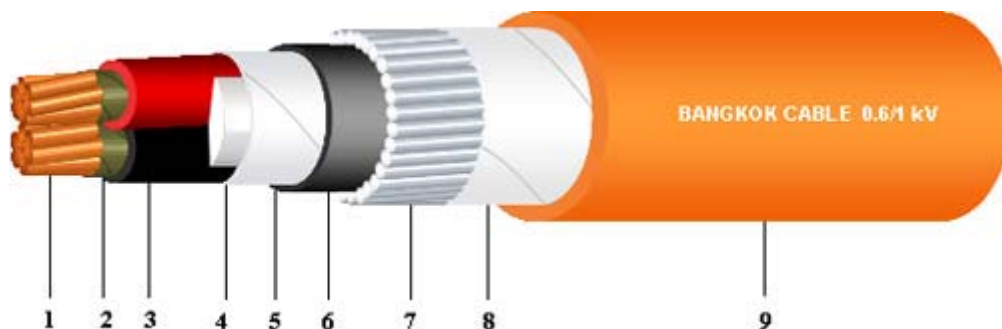


# 0.6/1 kV FRC-XLPE/SWA/LSHF

IEC 60502 (2 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 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.

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
Nominal cross-sectional area	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	16.5	12.1	26	390	500/D
2.5	7/0.67	2.01	0.7	1.0	0.8	1.8	17.5	7.41	35	450	500/D
4	7/0.85	2.55	0.7	1.0	1.25	1.8	19.5	4.61	46	640	500/D
6	7/1.04	3.12	0.7	1.0	1.25	1.8	20.5	3.08	59	730	500/D
10	6	3.72	0.7	1.0	1.25	1.8	22.0	1.83	80	870	500/D
16	6	4.69	0.7	1.0	1.25	1.8	24.0	1.15	105	1090	500/D
25	6	5.90	0.9	1.0	1.6	1.8	28.0	0.727	140	1610	500/D
35	6	6.95	0.9	1.0	1.6	1.8	30.0	0.524	170	1940	500/D
50	6	8.33	1.0	1.0	1.6	1.9	34.0	0.387	210	2420	500/D
70	12	9.73	1.1	1.0	2.0	2.1	38.5	0.268	260	3330	500/D
95	15	11.43	1.1	1.2	2.0	2.2	42.5	0.193	320	4190	400/D
120	18	12.95	1.2	1.2	2.0	2.3	46.0	0.153	370	5010	400/D
150	18	14.27	1.4	1.2	2.5	2.4	51.0	0.124	420	6330	300/D
185	30	15.98	1.6	1.4	2.5	2.6	56.0	0.0991	480	7640	250/D
240	34	18.47	1.7	1.4	2.5	2.8	62.0	0.0754	560	9440	200/D
300	34	20.68	1.8	1.6	2.5	2.9	67.5	0.0601	635	11290	150/D
400	53	23.39	2.0	1.6	2.5	3.2	74.5	0.0470	725	13830	150/D