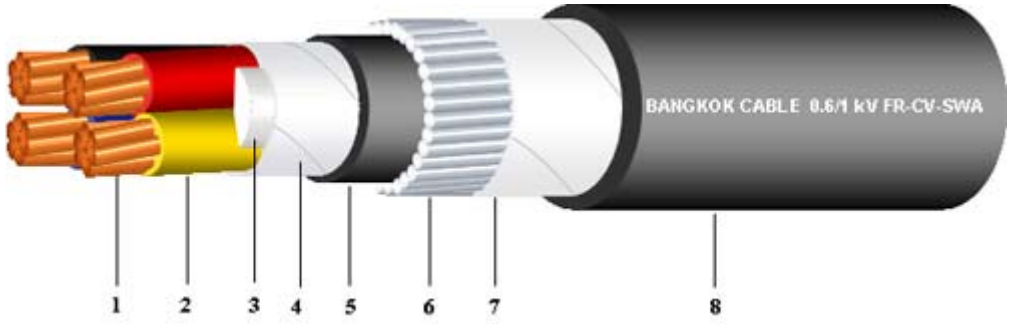
0.6/1 kV FR-CV-SWA

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 : Polyethylene (Non-hygroscopic material)
4. Binding Tape : Polyester / Spunbond Tape
5. Inner Sheath : Flame Retardant Polyvinyl chloride (FR-PVC), Black color
6. Armour : Galvanized steel wire
7. Binding Tape : Polyester / Spunbond Tape
8. Outer Sheath : Flame Retardant Polyvinyl chloride (FR-PVC), Black color

Application :

The cable is designed for general purpose where flame retardant properties are required.

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	17.0	12.1	22	430	500/D
2.5	7/0.67	2.01	0.7	1.0	1.25	1.8	19.0	7.41	29	690	500/D
4	7/0.85	2.55	0.7	1.0	1.25	1.8	20.5	4.61	39	750	500/D
6	7/1.04	3.12	0.7	1.0	1.25	1.8	21.5	3.08	50	880	500/D
10	6	3.72	0.7	1.0	1.25	1.8	23.0	1.83	67	1100	500/D
16	6	4.69	0.7	1.0	1.6	1.8	26.5	1.15	89	1590	500/D
25	6	5.90	0.9	1.0	1.6	1.8	30.5	0.727	120	2200	500/D
35	6	6.95	0.9	1.0	1.6	1.9	33.5	0.524	145	2790	500/D
50	6	8.33	1.0	1.0	2.0	2.1	38.5	0.387	175	3800	500/D
70	12	9.73	1.1	1.2	2.0	2.2	43.0	0.268	220	4980	400/D
95	15	11.43	1.1	1.2	2.5	2.4	49.0	0.193	275	6780	400/D
120	18	12.95	1.2	1.4	2.5	2.6	54.0	0.153	315	8280	300/D
150	18	14.27	1.4	1.4	2.5	2.7	59.0	0.124	360	9890	250/D
185	30	15.98	1.6	1.6	2.5	2.9	64.5	0.0991	410	12020	200/D
240	34	18.47	1.7	1.6	2.5	3.1	71.5	0.0754	480	15070	100/D
300	34	20.68	1.8	1.6	3.15	3.3	79.5	0.0601	550	19120	100/D
400	53	23.39	2.0	1.8	3.15	3.6	88.0	0.0470	625	23690	100/D