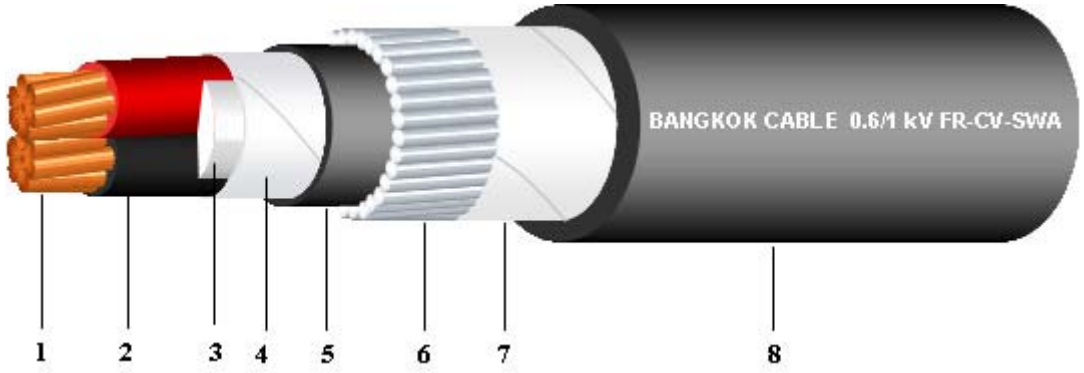
0.6/1 kV FR-CV-SWA

IEC 60502 (2 CORE)



Construction :

1. Conductor : Concentric stranded or compact stranded annealed copper wires
2. Insulation : Cross-linked polyethylene (XLPE)
   Identification : Red 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	15.5	12.1	26	350	500/D
2.5	7/0.67	2.01	0.7	1.0	0.8	1.8	16.5	7.41	35	400	500/D
4	7/0.85	2.55	0.7	1.0	1.25	1.8	18.5	4.61	46	590	500/D
6	7/1.04	3.12	0.7	1.0	1.25	1.8	20.0	3.08	59	680	500/D
10	6	3.72	0.7	1.0	1.25	1.8	21.0	1.83	80	820	500/D
16	6	4.69	0.7	1.0	1.25	1.8	23.0	1.15	105	1020	500/D
25	6	5.90	0.9	1.0	1.6	1.8	27.0	0.727	140	1540	500/D
35	6	6.95	0.9	1.0	1.6	1.8	29.0	0.524	170	1850	500/D
50	6	8.33	1.0	1.0	1.6	1.9	33.0	0.387	210	2350	500/D
70	12	9.73	1.1	1.0	2.0	2.1	37.5	0.268	260	3230	500/D
95	15	11.43	1.1	1.2	2.0	2.2	41.5	0.193	320	4110	400/D
120	18	12.95	1.2	1.2	2.0	2.3	45.0	0.153	370	4900	400/D
150	18	14.27	1.4	1.2	2.5	2.4	50.5	0.124	420	6240	400/D
185	30	15.98	1.6	1.4	2.5	2.6	55.0	0.0991	480	7520	300/D
240	34	18.47	1.7	1.4	2.5	2.8	61.0	0.0754	560	9280	200/D
300	34	20.68	1.8	1.6	2.5	2.9	66.5	0.0601	635	11150	150/D
400	53	23.39	2.0	1.6	2.5	3.2	73.5	0.0470	725	13700	150/D