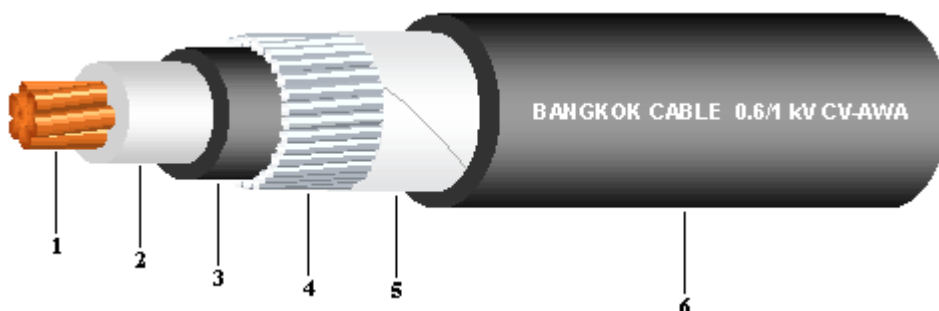


0.6/1 kV CV-AWA

IEC 60502 (1 CORE)



Construction :

1. Conductor : Concentric stranded or compact stranded annealed copper wires
2. Insulation : Cross-linked polyethylene (XLPE), Natural color
3. Inner sheath : Polyvinyl chloride (PVC), Black color
4. Armour : Aluminium wire
5. Binding tape : Polyester / Spunbond tape
6. Outer sheath : Polyvinyl chloride (PVC), Black color

Application :

For general purpose power distribution in dry or wet location, installation exposed in conduit or duct or direct burial in ground.

Nominal cross-sectional area	Conductor		Thickness of insulation (Nominal)	Thickness of inner Sheath (Approx.)	Diameter of aluminium 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	12.5	12.1	28	160	500/D
2.5	7/0.67	2.01	0.7	1.0	0.8	1.8	13.0	7.41	37	170	500/D
4	7/0.85	2.55	0.7	1.0	0.8	1.8	13.5	4.61	49	200	500/D
6	7/1.04	3.12	0.7	1.0	0.8	1.8	14.0	3.08	61	230	500/D
10	6	3.72	0.7	1.0	0.8	1.8	14.5	1.83	82	280	500/D
16	6	4.69	0.7	1.0	0.8	1.8	15.5	1.15	105	360	500/D
25	6	5.90	0.9	1.0	0.8	1.8	17.0	0.727	140	490	500/D
35	6	6.95	0.9	1.0	1.25	1.8	19.0	0.524	175	650	500/D
50	6	8.33	1.0	1.0	1.25	1.8	20.5	0.387	210	800	500/D
70	12	9.73	1.1	1.0	1.25	1.8	22.5	0.268	265	1050	500/D
95	15	11.43	1.1	1.0	1.6	1.8	25.0	0.193	325	1390	500/D
120	18	12.95	1.2	1.0	1.6	1.8	26.5	0.153	380	1680	500/D
150	18	14.27	1.4	1.0	1.6	1.8	28.5	0.124	430	2000	500/D
185	30	15.98	1.6	1.0	1.6	1.8	30.5	0.0991	495	2430	500/D
240	34	18.47	1.7	1.0	1.6	1.9	33.5	0.0754	585	3080	500/D
300	34	20.68	1.8	1.0	2.0	2.0	37.0	0.0601	675	3840	500/D
400	53	23.39	2.0	1.2	2.0	2.2	41.0	0.0470	770	4850	400/D
500	53	22.67	2.2	1.2	2.0	2.3	45.0	0.0366	880	6080	400/D
630	53	30.22	2.4	1.2	2.5	2.4	50.0	0.0283	985	7820	400/D