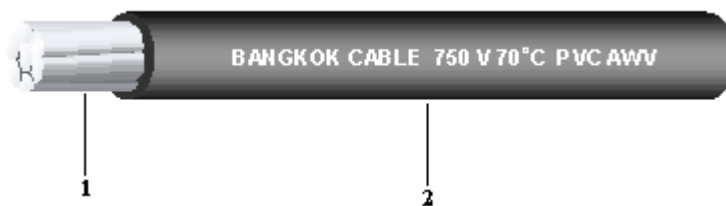


750 V 70°C AWW

TIS 293-2541, TABLE 2



Construction :

1. Conductor : Compact round stranded hard-drawn aluminium wires
2. Insulation : Polyvinyl chloride (PVC), Black color

Application :

Used for low voltage overhead distribution.

Nominal cross sectional area sq.mm	No. of wire No.	Conductor diameter mm	Thickness of insulation mm	Overall diameter approx mm	Maximum Conductor resistance at 20°C ohm/km	Minimum Insulation resistance at 70°C M ohm/km	Breaking strength N	Current rating in air A	Cable weight (Approx.) kg/km	Standard Length m
10	6	3.68	1.1	6.4	3.08	0.0076	1768	58	54	500/D
16	6	4.65	1.1	7.4	1.91	0.0063	2734	77	77	500/D
25	6	5.85	1.3	9.1	1.20	0.0060	4120	100	118	500/D
35	6	6.85	1.3	10.1	0.868	0.0052	5591	121	153	500/D
50	6	8.02	1.5	11.6	0.641	0.0052	7313	153	208	500/D
70	12	9.52	1.5	13.2	0.443	0.0044	10420	186	273	500/D
95	15	11.17	1.7	15.3	0.320	0.0043	14098	235	373	500/D
120	15	12.63	1.7	16.8	0.253	0.0038	18518	276	456	500/D
150	15	14.04	1.9	18.7	0.206	0.0039	22457	317	562	500/D
185	30	15.65	2.1	20.8	0.164	0.0038	28974	377	694	500/D
240	30	18.00	2.3	23.5	0.125	0.0037	37506	460	900	500/D
300	30	20.15	2.5	26.2	0.100	0.0036	45642	532	1117	500/D
400	53	23.15	2.7	29.6	0.0778	0.0034	56992	634	1414	500/D
500	53	26.22	3.1	33.7	0.0605	0.0035	72195	765	1823	500/D