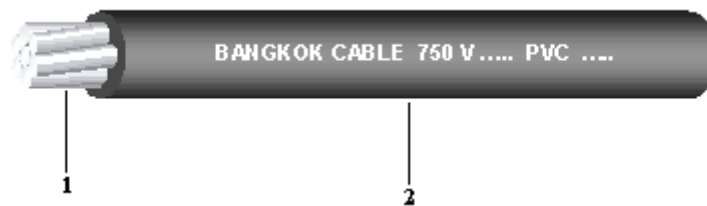


750V 70°C THWA

TIS 293-2541, TABLE 1



Construction :

1. Conductor : 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. & dia of wire No./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	Current rating in air A	Cable weight (Approx.) kg/km	Standard Length m
10	7/1.32	1.1	6.7	3.08	0.0070	60	56	500/C
16	7/1.68	1.1	7.8	1.91	0.0057	78	80	500/C
25	7/2.12	1.3	9.6	1.20	0.0054	100	124	500/C
35	7/2.49	1.3	10.8	0.868	0.0047	131	155	500/C
50	7/2.90	1.5	12.5	0.641	0.0047	165	216	500/C
50	19/1.76	1.5	12.5	0.641	0.0046	165	209	500/C
70	19/2.12	1.5	14.3	0.443	0.0039	204	284	500/C
95	19/2.49	1.7	16.6	0.320	0.0038	249	388	500/C
120	19/2.80	1.7	18.2	0.253	0.0034	287	473	500/C
120	37/2.01	1.7	18.3	0.253	0.0034	287	468	500/C
150	37/2.23	1.9	20.3	0.206	0.0034	331	578	500/D
185	37/2.50	2.1	22.6	0.164	0.0034	390	723	500/D
240	61/2.23	2.3	25.8	0.125	0.0032	470	930	500/D
300	61/2.49	2.5	28.6	0.100	0.0032	550	1151	500/D
400	61/2.82	2.7	32.0	0.0778	0.0030	660	1458	500/D
500	61/3.20	3.1	36.3	0.0605	0.0031	785	1883	500/D