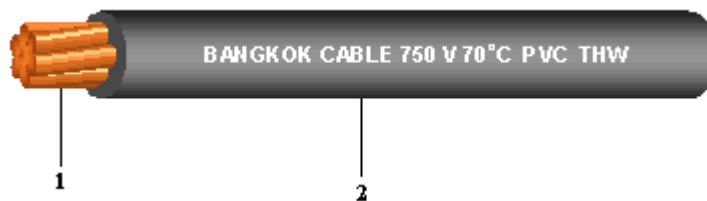


750 V 70°C THW

TIS 11-2531, TABLE 4 (1 CORE)



Construction :

1. Conductor : Solid or concentric stranded annealed copper wires
 2. Insulation : Polyvinyl chloride (PVC)
- Identification : White, Black, Red, Blue, Green or other color

Application :

For Building wiring, installation on insulator or in raceway, dry location.

Conductor		Thickness of insulation mm	Overall diameter mm	Current rating in air A	Minimum insulation resistance (at 70°C) Mohm-km	Cable weight (Approx.) kg/km	Standard Length m
Nominal cross-sectional area sq.mm	No. & dia. of wires No./mm						
0.5	1/0.80	0.8	3.0	11	0.0175	11	100/C
1	1/1.13	0.8	3.3	16	0.0141	17	100/C
1	7/0.40	0.8	3.5	16	0.0135	17	100/C
1.5	1/1.38	0.8	3.6	21	0.0123	22	100/C
1.5	7/0.50	0.8	3.8	21	0.0116	22	100/C
2.5	1/1.78	0.8	4.0	29	0.0102	31	100/C
2.5	7/0.67	0.8	4.3	29	0.0093	31	100/C
4	1/2.25	0.9	4.8	39	0.0094	50	100/C
4	7/0.85	0.9	5.2	39	0.0085	50	100/C
6	7/1.04	0.9	5.8	51	0.0073	75	100/C
10	7/1.35	1.1	7.2	70	0.0069	120	100/C
16	7/1.70	1.1	8.4	96	0.0057	180	100/C
25	7/2.14	1.3	10.5	127	0.0054	290	100/C
35	19/1.53	1.3	11.5	157	0.0047	380	100/C
50	19/1.78	1.5	13.5	191	0.0046	540	500/D
70	19/2.14	1.5	15.5	244	0.0039	720	500/D
95	19/2.52	1.7	18.0	297	0.0038	1000	500/D
120	37/2.03	1.7	19.5	345	0.0034	1240	500/D
150	37/2.25	1.9	21.5	397	0.0034	1520	500/D
185	37/2.52	2.1	24.0	453	0.0034	1900	500/D
240	61/2.25	2.3	27.0	535	0.0033	2480	500/D
300	61/2.52	2.5	30.0	617	0.0032	3100	500/D
400	61/2.85	2.7	33.5	741	0.0030	3950	300/D
500	61/3.20	3.1	38.0	854	0.0031	5150	300/D