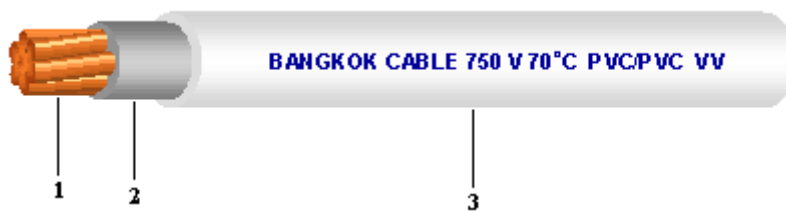


# 750V 70°C VV

TIS 11-2531, TABLE 5 (1 CORE)



## Construction :

1. Conductor : Solid or concentric stranded annealed copper wires
2. Insulation : Polyvinyl chloride (PVC), Gray color
3. Sheath : Polyvinyl chloride (PVC), White color

## Application :

For exposed fix installation in dry location, surface wiring, concealed wiring in wooden partition or above ceiling, embedded in plaster.

Conductor		Thickness of insulation mm	Thickness of Sheath 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							
1	1/1.13	0.8	1.0	5.4	17	0.0141	35	300/C
1	7/0.40	0.8	1.0	5.6	17	0.0135	35	300/C
1.5	1/1.38	0.8	1.0	5.8	22	0.0123	41	300/C
1.5	7/0.50	0.8	1.0	6.0	22	0.0116	41	300/C
2.5	1/1.78	0.8	1.2	6.6	29	0.0102	60	300/C
2.5	7/0.67	0.8	1.2	7.0	29	0.0093	60	300/C
4	1/2.25	0.9	1.2	7.4	37	0.0094	80	300/C
4	7/0.85	0.9	1.2	7.8	37	0.0085	80	300/C
6	7/1.04	0.9	1.4	8.8	49	0.0073	120	300/C
10	7/1.35	1.1	1.4	10.5	69	0.0069	170	500/D
16	7/1.70	1.1	1.5	11.5	90	0.0057	250	500/D
25	7/2.14	1.3	1.5	13.5	121	0.0054	360	500/D
35	19/1.53	1.3	1.6	15.0	148	0.0047	470	500/D