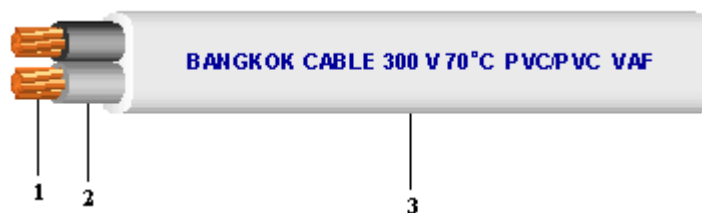


300V 70°C VAF

TIS 11-2531, TABLE 2 (2 CORE)



Construction :

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

Application :

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

Conductor		Thickness of insulation mm	Thickness of sheath mm	Overall diameter		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			lower limit mm	upper limit mm				
0.5	1/0.80	0.6	0.9	3.6 x 5.6	4.4 x 6.8	7	0.0146	37	100/C
1	1/1.13	0.6	0.9	4.0 x 6.2	4.8 x 7.4	11	0.0115	50	100/C
1	7/0.40	0.6	0.9	4.0 x 6.4	5.0 x 7.8	11	0.0110	50	100/C
1.5	1/1.38	0.6	1.2	4.8 x 7.2	5.8 x 8.6	16	0.0100	70	100/C
1.5	7/0.50	0.6	1.2	4.9 x 7.4	6.0 x 9.2	16	0.0094	70	100/C
2.5	1/1.78	0.7	1.2	5.4 x 8.4	6.4 x 10.0	21	0.0092	100	100/C
2.5	7/0.67	0.7	1.2	5.6 x 8.8	6.8 x 10.5	21	0.0084	100	100/C
4	1/2.25	0.8	1.2	6.0 x 9.8	7.2 x 11.5	29	0.0086	140	100/C
4	7/0.85	0.8	1.2	6.2 x 10.0	7.6 x 12.0	29	0.0078	140	100/C
6	7/1.04	0.8	1.2	6.8 x 11.0	8.2 x 13.5	36	0.0066	200	100/C
10	7/1.35	0.9	1.2	8.0 x 13.5	9.4 x 16.0	51	0.0059	300	100/C
16	7/1.70	1.0	1.2	9.2 x 16.0	11.0 x 18.5	67	0.0053	440	100/C
25	7/2.14	1.2	1.4	11.0 x 19.5	13.0 x 22.5	91	0.0051	690	500/D
35	19/1.53	1.2	1.4	12.0 x 22.0	14.5 x 25.0	111	0.0043	900	500/D