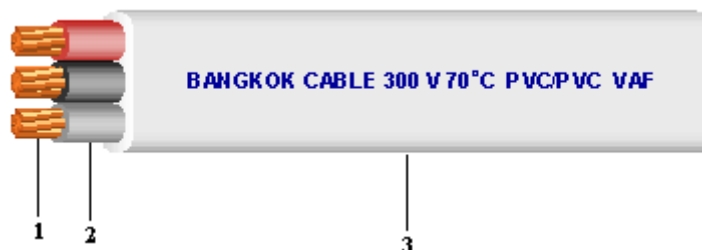


# 300 V 70°C VAF

TIS 11-2531, TABLE 2 (3CORE)



## Construction :

1. Conductor : Solid or concentric stranded annealed copper wires
2. Insulation : Polyvinyl chloride (PVC)  
Identification : Gray, Black and Red 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 7.4	4.4 x 9.0	7	0.0146	50	100/C
1	1/1.13	0.6	0.9	4.0 x 8.4	4.8 x 10.0	10	0.0115	70	100/C
1	7/0.40	0.6	0.9	4.0 x 8.6	5.0 x 10.5	10	0.0110	70	100/C
1.5	1/1.38	0.6	1.2	4.8 x 9.8	5.8 x 11.5	13	0.0100	100	100/C
1.5	7/0.50	0.6	1.2	4.9 x 10.0	6.0 x 12.5	13	0.0094	100	100/C
2.5	1/1.78	0.7	1.2	5.4 x 11.5	6.4 x 13.5	18	0.0092	150	100/C
2.5	7/0.67	0.7	1.2	5.6 x 12.0	6.8 x 14.5	18	0.0084	150	100/C
4	1/2.25	0.8	1.2	6.0 x 13.5	7.2 x 16.0	25	0.0086	210	100/C
4	7/0.85	0.8	1.2	6.2 x 14.0	7.6 x 16.5	25	0.0078	210	100/C
6	7/1.04	0.8	1.2	6.8 x 16.0	8.2 x 18.5	31	0.0066	300	100/C
10	7/1.35	0.9	1.2	8.0 x 19.0	9.4 x 22.0	43	0.0059	450	100/C
16	7/1.70	1.0	1.4	9.6 x 23.0	11.5 x 26.5	55	0.0053	680	100/C