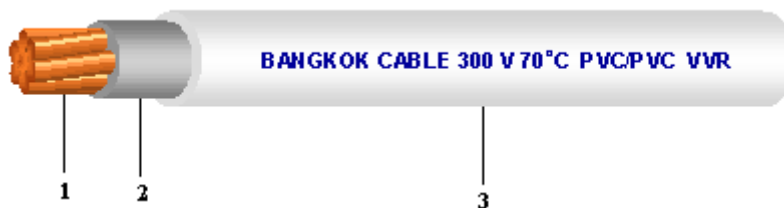


# 300V 70°C VVR

TIS 11-2531, TABLE 2 (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 wiring in air or use raceway, dry location.

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							
0.5	1/0.80	0.6	0.9	4.4	11	0.0146	21	100/C
1	1/1.13	0.6	0.9	4.8	17	0.0115	28	100/C
1	7/0.40	0.6	0.9	5.0	17	0.0110	28	100/C
1.5	1/1.38	0.6	0.9	5.2	20	0.0100	35	100/C
1.5	7/0.50	0.6	0.9	5.4	20	0.0094	35	100/C
2.5	1/1.78	0.7	0.9	5.8	28	0.0092	49	100/C
2.5	7/0.67	0.7	0.9	6.2	28	0.0084	49	100/C
4	1/2.25	0.8	0.9	6.6	37	0.0086	70	100/C
4	7/0.85	0.8	0.9	7.0	37	0.0078	70	100/C
6	7/1.04	0.8	0.9	7.6	47	0.0066	95	100/C
10	7/1.35	0.9	0.9	8.6	66	0.0059	150	100/C
16	7/1.70	1.0	1.2	11.0	88	0.0053	220	100/C
25	7/2.14	1.2	1.2	12.5	118	0.0051	340	500/D
35	19/1.53	1.2	1.2	14.0	146	0.0043	440	500/D