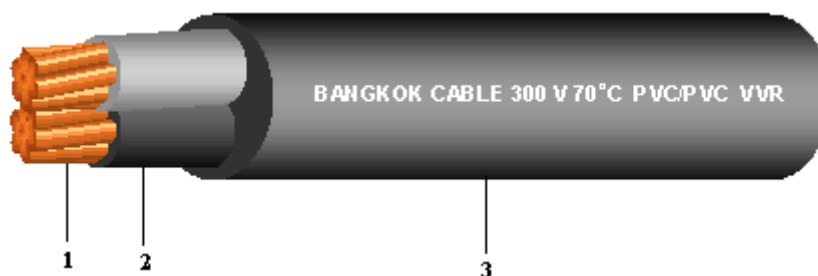


300V 70°C VVR

TIS 11-2531, TABLE 3 (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), Black 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	6.8	9	0.0146	48	100/C
1	1/1.13	0.6	0.9	7.6	14	0.0115	65	100/C
1	7/0.40	0.6	0.9	8.0	14	0.0110	65	100/C
1.5	1/1.38	0.6	1.2	8.8	18	0.0100	90	100/C
1.5	7/0.50	0.6	1.2	9.2	18	0.0094	90	100/C
2.5	1/1.78	0.7	1.2	10.0	24	0.0092	130	100/C
2.5	7/0.67	0.7	1.2	11.0	24	0.0084	130	100/C
4	1/2.25	0.8	1.2	11.5	33	0.0086	180	100/C
4	7/0.85	0.8	1.2	12.5	33	0.0078	180	100/C
6	7/1.04	0.8	1.2	13.5	44	0.0066	260	100/C
10	7/1.35	0.9	1.2	16.0	61	0.0059	390	100/C
16	7/1.70	1.0	1.4	19.0	80	0.0053	580	100/C
25	7/2.14	1.2	1.4	22.5	108	0.0051	870	500/D
35	19/1.53	1.2	1.4	25.5	133	0.0043	1130	500/D