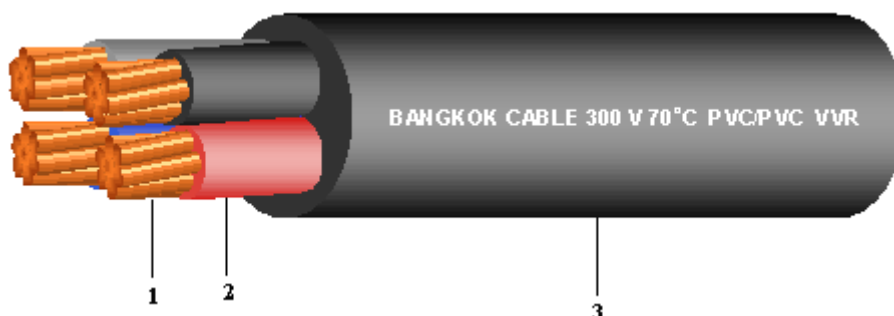


300V 70°C VVR

TIS 11-2531, TABLE 3 (4 CORE)



Construction :

1. Conductor : Solid or concentric stranded annealed copper wires
2. Insulation : Polyvinyl chloride (PVC)
Identification : Gray, Black, Red and Blue 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	7.8	7	0.0146	65	100/C
1	1/1.13	0.6	0.9	8.6	11	0.0115	100	100/C
1	7/0.40	0.6	0.9	9.0	11	0.0110	100	100/C
1.5	1/1.38	0.6	1.2	10.0	14	0.0100	130	100/C
1.5	7/0.50	0.6	1.2	10.5	14	0.0094	130	100/C
2.5	1/1.78	0.7	1.2	11.5	18	0.0092	190	100/C
2.5	7/0.67	0.7	1.2	12.5	18	0.0084	190	100/C
4	1/2.25	0.8	1.2	13.5	26	0.0086	290	100/C
4	7/0.85	0.8	1.2	14.0	26	0.0078	290	100/C
6	7/1.04	0.8	1.2	15.5	34	0.0066	410	100/C
10	7/1.35	0.9	1.4	19.0	45	0.0059	640	100/C
16	7/1.70	1.0	1.4	22.0	61	0.0053	940	100/C
25	7/2.14	1.2	1.8	27.5	83	0.0051	1490	500/D
35	19/1.53	1.2	1.8	30.5	102	0.0043	1950	500/D