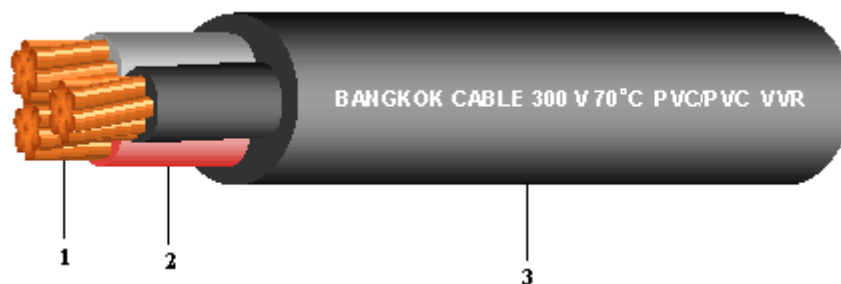


300V 70°C VVR

TIS 11-2531, TABLE 3 (3 CORE)



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), 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	7.2	7	0.0146	55	100/C
1	1/1.13	0.6	0.9	8.0	12	0.0115	80	100/C
1	7/0.40	0.6	0.9	8.4	12	0.0110	80	100/C
1.5	1/1.38	0.6	1.2	9.2	16	0.0100	110	100/C
1.5	7/0.50	0.6	1.2	9.6	16	0.0094	110	100/C
2.5	1/1.78	0.7	1.2	10.5	20	0.0092	160	100/C
2.5	7/0.67	0.7	1.2	11.5	20	0.0084	160	100/C
4	1/2.25	0.8	1.2	12.5	28	0.0086	230	100/C
4	7/0.85	0.8	1.2	13.0	28	0.0078	230	100/C
6	7/1.04	0.8	1.2	14.5	36	0.0066	330	100/C
10	7/1.35	0.9	1.2	17.0	51	0.0059	490	100/C
16	7/1.70	1.0	1.4	20.0	69	0.0053	740	100/C
25	7/2.14	1.2	1.8	25.0	91	0.0051	1180	500/D
35	19/1.53	1.2	1.8	28.0	112	0.0043	1530	500/D