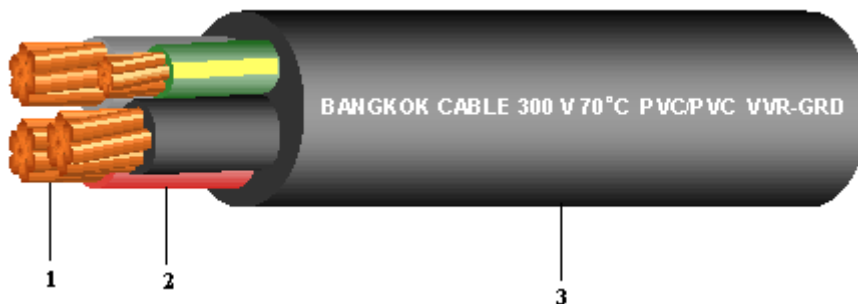


300V 70°C VVR-GRD

TIS 11-2531, TABLE 12 (3 CORE)



Construction :

1. Conductor : Solid or concentric stranded annealed copper wires
2. Insulation : Polyvinyl chloride (PVC)
Identification : Phase - Gray Black and Red color
Ground - Green/Yellow color
3. Sheath : Polyvinyl chloride (PVC), Black color

Application :

For exposed wiring in air or use raceway, dry location.

Phase Conductor			Ground Conductor			Thickness of sheath	Overall diameter	Current rating in air	Minimum insulation resistance (at 70°C)	Cable weight (Approx.)	Standard Length
Nominal cross-sectional area sq.mm	No. & dia. of wires No./mm	Thickness of insulation mm	Nominal cross-sectional area sq.mm	No. & dia. of wires No./mm	Thickness of insulation mm						
1	1/1.13	0.6	1	1/1.13	0.6	0.9	8.6	13	0.0115	95	100/C
1	7/0.40	0.6	1	7/0.40	0.6	0.9	9.0	13	0.0110	95	100/C
1.5	1/1.38	0.6	1	1/1.13	0.6	1.2	10.0	17	0.0100	130	100/C
1.5	7/0.50	0.6	1	7/0.40	0.6	1.2	10.5	17	0.0094	130	100/C
2.5	1/1.78	0.7	1.5	1/1.38	0.6	1.2	11.5	21	0.0092	180	100/C
2.5	7/0.67	0.7	1.5	7/0.50	0.6	1.2	12.5	21	0.0084	180	100/C
4	1/2.25	0.8	2.5	1/1.78	0.6	1.2	13.5	30	0.0086	260	100/C
4	7/0.85	0.8	2.5	7/0.67	0.6	1.2	14.0	30	0.0078	260	100/C
6	7/1.04	0.8	4	7/0.85	0.6	1.2	15.5	38	0.0066	370	100/C
10	7/1.35	0.9	4	7/0.85	0.6	1.2	18.5	53	0.0059	530	500/D
16	7/1.70	1.0	6	7/1.04	0.6	1.4	22.0	71	0.0053	800	500/D
25	7/2.14	1.2	6	7/1.04	0.6	1.8	27.5	93	0.0051	1220	500/D
35	19/1.53	1.2	10	7/1.35	0.6	1.8	30.5	113	0.0043	1610	500/D