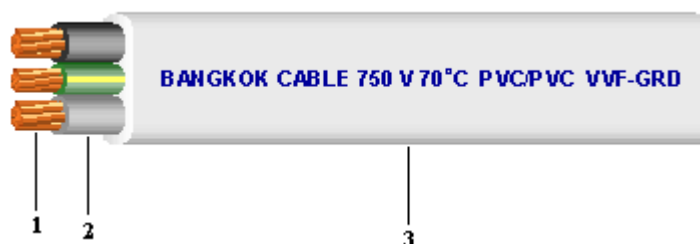


# 750V 70°C VVF-GRD

TIS 11-2531, TABLE 13 (2 CORE)



## Construction :

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

## Application :

For exposed fix installation in dry location, surface wiring, concealed wiring in wooden partition or above ceiling, embedded in plaster.

Conductor			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	Thickness of insulation	Nominal cross-sectional area sq.mm	No. & dia. of wires	Thickness of insulation		lower limit	upper limit				
	No./mm	mm		No./mm	mm	mm	mm	mm	A	Mohm-km	kg/km	m
1	1/1.13	0.8	1	1/1.13	0.6	1.4	5.2 x 10.0	6.4 x 12.0	13	0.0141	100	100/C
1	7/0.40	0.8	1	7/0.40	0.6	1.4	5.4 x 10.0	6.6 x 12.5	13	0.0135	100	100/C
1.5	1/1.38	0.8	1	1/1.13	0.6	1.4	5.6 x 10.5	6.6 x 12.5	17	0.0123	120	100/C
1.5	7/0.50	0.8	1	7/0.40	0.6	1.4	5.6 x 11.0	7.0 x 13.0	17	0.0116	120	100/C
2.5	1/1.78	0.8	1.5	1/1.38	0.6	1.4	5.8 x 11.5	7.2 x 14.0	22	0.0102	150	100/C
2.5	7/0.67	0.8	1.5	7/0.50	0.6	1.4	6.2 x 12.0	7.4 x 14.5	22	0.0093	150	100/C
4	1/2.25	0.9	2.5	1/1.78	0.6	1.4	6.6 x 13.0	7.8 x 15.5	30	0.0094	210	100/C
4	7/0.85	0.9	2.5	7/0.67	0.6	1.4	6.8 x 14.0	8.2 x 16.5	30	0.0085	210	100/C
6	7/1.04	0.9	4	7/0.85	0.6	1.4	7.4 x 15.5	8.8 x 18.5	39	0.0073	290	100/C
10	7/1.35	1.1	4	7/0.85	0.6	1.5	8.8 x 18.5	10.5 x 21.5	53	0.0069	420	100/C
16	7/1.70	1.1	6	7/1.04	0.6	1.5	9.8 x 21.0	11.5 x 24.5	69	0.0057	590	100/C
25	7/2.14	1.3	6	7/1.04	0.6	1.6	11.5 x 24.5	13.5 x 28.0	92	0.0054	840	500/D
35	19/1.53	1.3	10	7/1.35	0.6	1.7	13.0 x 28.0	15.0 x 32.0	112	0.0047	1120	500/D