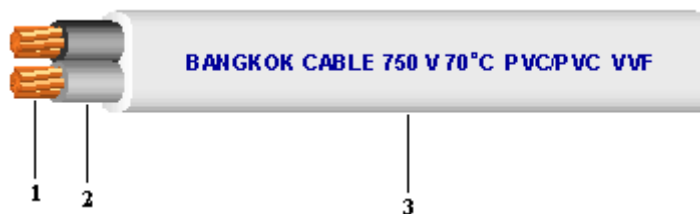


750V 70°C VVF

TIS 11-2531, TABLE 5 (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), White color

Application :

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

Conductor		Thickness of insulation mm	Thickness of Sheath mm	Overall diameter		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			lower limit mm	upper limit mm				
1	1/1.13	0.8	1.4	5.2 x 8.0	6.4 x 9.4	13	0.0141	75	100/C
1	7/0.40	0.8	1.4	5.4 x 8.0	6.6 x 9.8	13	0.0135	75	100/C
1.5	1/1.38	0.8	1.4	5.6 x 8.4	6.6 x 10.0	17	0.0123	90	100/C
1.5	7/0.50	0.8	1.4	5.6 x 8.6	7.0 x 10.5	17	0.0116	90	100/C
2.5	1/1.78	0.8	1.4	5.8 x 9.2	7.2 x 11.0	22	0.0102	110	100/C
2.5	7/0.67	0.8	1.4	6.2 x 9.6	7.4 x 11.5	22	0.0093	110	100/C
4	1/2.25	0.9	1.4	6.6 x 10.5	7.8 x 12.5	30	0.0094	160	100/C
4	7/0.85	0.9	1.4	6.8 x 11.0	8.2 x 13.0	30	0.0085	160	100/C
6	7/1.04	0.9	1.4	7.4 x 12.0	8.8 x 14.5	37	0.0073	220	100/C
10	7/1.35	1.1	1.5	8.8 x 15.0	10.5 x 17.0	52	0.0069	340	100/C
16	7/1.70	1.1	1.5	9.8 x 17.0	11.5 x 19.5	69	0.0057	480	100/C
25	7/2.14	1.3	1.6	11.5 x 20.5	13.5 x 23.5	91	0.0054	720	500/D
35	19/1.53	1.3	1.7	13.0 x 23.0	15.0 x 26.5	112	0.0047	940	500/D