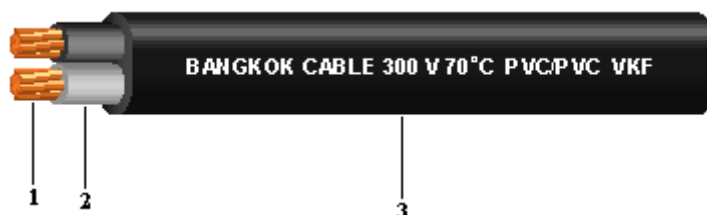


# 300 V 70°C VKF

TIS 11-2531 TABLE 17 (2 CORE)



## Construction :

1. Conductor : Bunch stranded annealed copper wires
2. Insulation : Polyvinyl chloride (PVC)  
Identification : Gray and Black color
3. Sheath : Polyvinyl chloride (PVC) Black color

## Application :

For surface wiring, concealed wiring in wooden partition or above ceiling, embedded in plaster, dry location, using mainly for small indoor electrical appliances.

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				
0.5	16/0.20	0.6	0.9	3.8 x 5.8	4.7 x 7.2	9	0.0132	38	100/C
0.5	28/0.15	0.6	0.9	3.8 x 5.8	4.7 x 7.2	9	0.0133	38	100/C
1	32/0.20	0.6	0.9	4.1 x 6.6	5.2 x 8.0	12	0.0104	55	100/C
1.5	30/0.25	0.6	1.2	5.0 x 7.6	6.2 x 9.4	17	0.0090	75	100/C
2.5	50/0.25	0.7	1.2	5.6 x 9.0	7.2 x 11.5	22	0.0083	110	100/C
4	56/0.30	0.8	1.2	6.4 x 10.0	8.0 x 13.0	30	0.0076	150	100/C
6	84/0.30	0.8	1.2	6.8 x 11.5	8.8 x 14.5	38	0.0065	200	500/D
10	80/0.40	0.9	1.2	8.0 x 13.5	10.5 x 17.5	52	0.0057	330	500/D
16	126/0.40	1.0	1.2	9.8 x 17.5	12.0 x 20.5	70	0.0047	460	500/D
25	196/0.40	1.2	1.4	12.0 x 21.5	14.5 x 25.0	91	0.0045	700	500/D
35	276/0.40	1.2	1.4	13.5 x 24.0	16.0 x 28.0	114	0.0038	940	500/D