

300 V 70°C VKF

TIS 11-2531 TABLE 17 (3 CORE)



Construction :

1. Conductor : Bunch stranded annealed copper wires
2. Insulation : Polyvinyl chloride (PVC)
Identification : Gray, Black and Red 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 7.8	4.7 x 9.6	8	0.0132	55	100/C
0.5	28/0.15	0.6	0.9	3.8 x 7.8	4.7 x 9.6	8	0.0133	55	100/C
1	32/0.20	0.6	0.9	4.1 x 9.0	5.2 x 11.0	11	0.0104	80	100/C
1.5	30/0.25	0.6	1.2	5.0 x 10.0	6.2 x 12.5	15	0.0090	110	100/C
2.5	50/0.25	0.7	1.2	5.6 x 12.0	7.2 x 16.0	20	0.0083	150	100/C
4	56/0.30	0.8	1.2	6.4 x 14.5	8.0 x 18.5	27	0.0076	230	100/C
6	84/0.30	0.8	1.2	6.8 x 16.0	8.8 x 20.5	35	0.0065	310	500/D
10	80/0.40	0.9	1.2	8.0 x 19.5	10.5 x 25.0	50	0.0057	470	500/D
16	126/0.40	1.0	1.4	10.0 x 25.5	12.5 x 29.0	67	0.0047	710	500/D