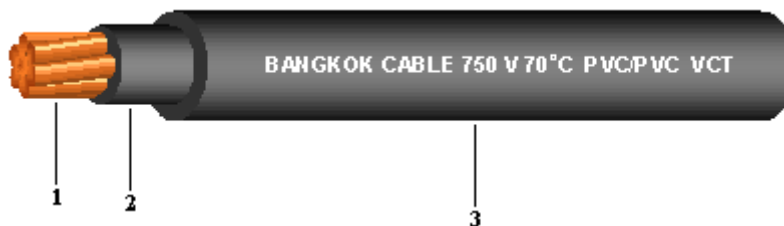


750 V 70°C VCT

TIS 11-2531 TABLE 9 (1 CORE)



Construction :

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

Application :

For mobile-equipment used in mines, factories, farms or household appliances.

Conductor		Thickness of insulation mm	Thickness of Sheath mm	Overall diameter mm	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							
0.5	16/0.20	0.8	1.0	5.4	11	0.0160	29	100/C
0.75	24/0.20	0.8	1.0	5.6	14	0.0140	33	100/C
1	32/0.20	0.8	1.2	6.2	17	0.0127	41	100/C
1.5	30/0.25	0.8	1.2	6.6	20	0.0111	48	100/C
2.5	50/0.25	0.8	1.2	7.4	29	0.0092	60	100/C
4	56/0.30	0.9	1.4	8.6	37	0.0084	90	100/C
6	84/0.30	0.9	1.4	9.4	48	0.0071	110	100/C
10	80/0.40	1.1	1.8	12.0	68	0.0068	210	500/D
16	126/0.40	1.1	1.8	13.5	90	0.0050	270	500/D
25	196/0.40	1.3	2.2	16.0	119	0.0048	410	500/D
35	276/0.40	1.3	2.2	17.5	148	0.0041	540	500/D
50	396/0.40	1.5	2.6	21.0	185	0.0040	750	500/D
70	360/0.50	1.5	2.6	23.0	230	0.0034	980	500/D
95	475/0.50	1.7	3.0	26.5	271	0.0034	1300	500/D