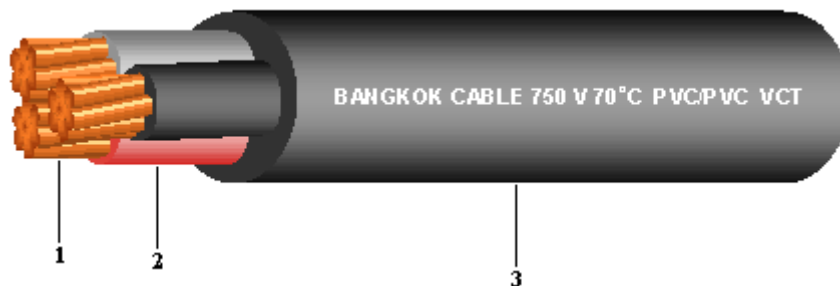


750 V 70°C VCT

TIS 11-2531 TABLE 9 (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 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	1.2	9.2	9	0.0160	90	100/C
0.75	24/0.20	0.8	1.2	9.6	11	0.0140	100	100/C
1	32/0.20	0.8	1.4	10.5	12	0.0127	120	100/C
1.5	30/0.25	0.8	1.4	11.5	16	0.0111	140	100/C
2.5	50/0.25	0.8	1.4	13.0	23	0.0092	190	100/C
4	56/0.30	0.9	1.6	15.5	30	0.0084	280	100/C
6	84/0.30	0.9	1.8	17.5	39	0.0071	370	100/C
10	80/0.40	1.1	2.0	21.5	53	0.0068	650	500/D
16	126/0.40	1.1	2.4	25.0	71	0.0050	900	500/D
25	196/0.40	1.3	2.6	30.0	90	0.0048	1320	500/D
35	276/0.40	1.3	2.8	33.5	112	0.0041	1770	500/D