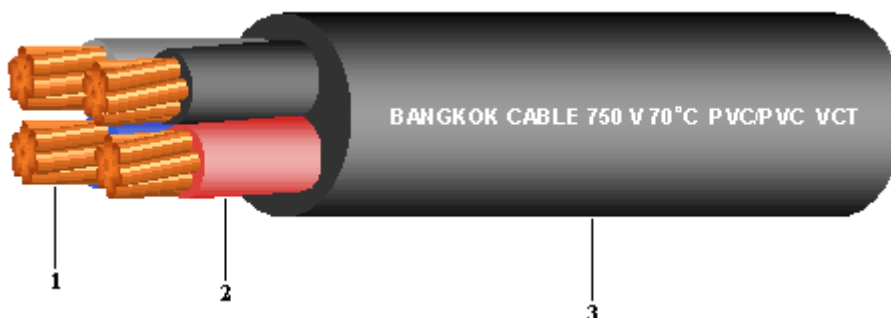


750 V 70°C VCT

TIS 11-2531 TABLE 9 (4 CORE)



Construction :

1. Conductor : Bunch stranded annealed copper wires
2. Insulation : Polyvinyl chloride (PVC)
Identification : Gray, Black, Red and Blue 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	1.4	10.5	8	0.0160	110	100/C
0.75	24/0.20	0.8	1.4	11.0	10	0.0140	130	100/C
1	32/0.20	0.8	1.6	12.0	12	0.0127	150	100/C
1.5	30/0.25	0.8	1.6	12.5	14	0.0111	180	100/C
2.5	50/0.25	0.8	1.6	15.0	20	0.0092	240	100/C
4	56/0.30	0.9	1.8	17.0	27	0.0084	350	100/C
6	84/0.30	0.9	2.0	19.5	35	0.0071	480	100/C
10	80/0.40	1.1	2.2	24.0	49	0.0068	820	500/D
16	126/0.40	1.1	2.6	28.0	63	0.0050	1150	500/D
25	196/0.40	1.3	2.8	33.0	81	0.0048	1680	500/D
35	276/0.40	1.3	3.1	37.0	101	0.0041	2290	500/D