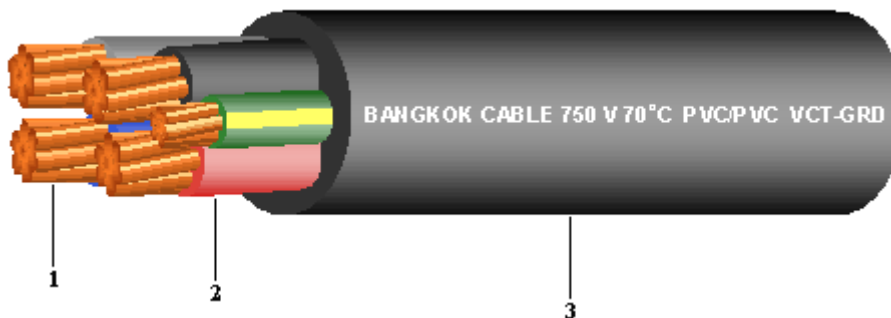


# 750 V 70°C VCT-GRD

TIS 11-2531 TABLE 15 (4 CORE)



## Construction :

1. Conductor : Bunch stranded annealed copper wires
2. Insulation : Polyvinyl chloride (PVC)  
Identification : Phase - Gray, Black, Red and Blue color  
Ground - Green/Yellow color
3. Sheath : Polyvinyl chloride (PVC) Black color

## Application :

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

Phase conductor			Ground conductor			Thickness of Sheath	Overall diameter	Current rating in air	Minimum insulation resistance (at 70°C)	Cable weight (Approx.)	Standard Length
Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation						
sq.mm	No./mm	mm	sq.mm	No./mm	mm	mm	mm	A	Mohm-km	kg/km	m
1	32/0.20	0.8	1	32/0.20	0.6	1.6	13.0	12	0.0127	180	100/C
1.5	30/0.25	0.8	1	32/0.20	0.6	1.6	13.5	14	0.0111	210	100/C
2.5	50/0.25	0.8	1.5	30/0.25	0.6	1.6	16.0	20	0.0092	280	100/C
4	56/0.30	0.9	2.5	50/0.25	0.6	1.8	18.5	27	0.0084	400	100/C
6	84/0.30	0.9	4	56/0.30	0.6	2.0	21.0	33	0.0071	530	100/C
10	80/0.40	1.1	4	56/0.30	0.6	2.2	26.0	48	0.0068	1080	500/D
16	126/0.40	1.1	6	84/0.30	0.6	2.6	30.5	63	0.0050	1280	500/D
25	196/0.40	1.3	6	84/0.30	0.6	2.8	36.0	81	0.0048	1810	500/D
35	276/0.40	1.3	10	80/0.40	0.6	3.1	40.5	101	0.0041	2430	500/D