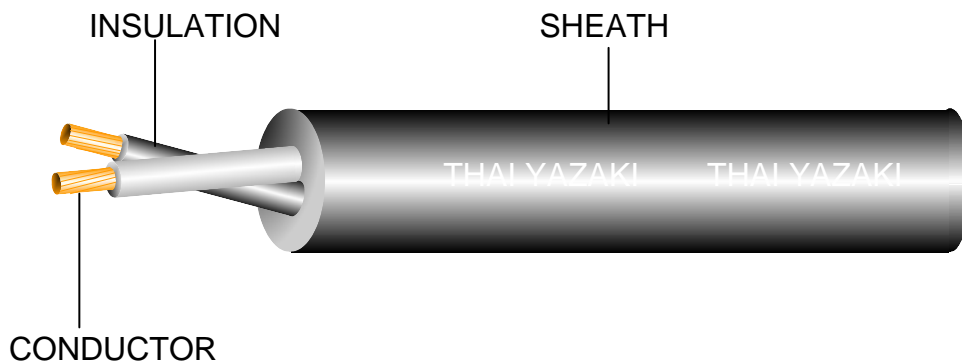

VCT

750 V 70 °C PVC INSULATED AND SHEATHED FLEXIBLE CABLE



CABLE STRUCTURE

NUMBER OF CORE CONDUCTOR	: Up to 4 cores : Flexible annealed copper wire, Sizes.0.5 mm ² up to 95 mm ² for single core 0.5 mm ² up to 35 mm ² for multi core
INSULATION	: PVC Color: Single core – Light gray 2 cores – Light gray and Black 3 cores – Light gray, Black and Red 4 cores – Light gray, Black, Red and Blue
SHEATH	: PVC Color: White
CLASSIFICATION	: Maximum conductor temperature 70 °C Circuit voltage not exceeding 750 Volts
TESTING VOLTAGE	: 2,500 volts
REFERENCE	: TIS 11-2531, Table 9

VCT

TIS 11-2531
TABLE 3

Number of core	Nominal cross section area (mm ²)	Number and diameter of wire (No./mm)	Insulation thickness (mm)	Sheath thickness (mm)	Max overall diameter (mm)	Minimum insulation resistance at 70 °C (MΩ-Km)	Maximum continuous current rating in free air (Ampere)	Cable weight (approx.) (Kg/Km)	Standard length (m)
1	0.5	16 / 0.20	0.8	1.0	5.4	0.0160	10	28	100/C
	0.75	24 / 0.20	0.8	1.0	5.6	0.0140	13	32	100/C
	1	32 / 0.25	0.8	1.2	6.2	0.0127	15	40	100/C
	1.5	30 / 0.25	0.8	1.2	6.6	0.0111	19	47	100/C
	2.5	50 / 0.25	0.8	1.2	7.4	0.0092	27	60	100/C
	4	56 / 0.30	0.9	1.4	8.6	0.0084	36	85	100/C
	6	84 / 0.30	0.9	1.4	9.4	0.0071	46	120	100/C
	10	80 / 0.40	1.1	1.8	12.0	0.0068	67	200	100/C
	16	126 / 0.40	1.1	1.8	13.5	0.0050	88	270	100/C
	25	196 / 0.40	1.3	2.2	16.0	0.0048	116	400	100/C
	35	280 / 0.40	1.3	2.2	17.5	0.0041	145	550	500/D
	50	399 / 0.40	1.5	2.6	21.0	0.0040	181	750	500/D
	70	361 / 0.50	1.5	2.6	23.0	0.0034	226	950	500/D
95	475 / 0.50	1.7	3.0	26.5	0.0034	268	1,300	500/D	
2	0.5	16 / 0.20	0.8	1.2	8.8	0.0160	9	75	100/C
	0.75	24 / 0.20	0.8	1.2	9.2	0.0140	12	85	100/C
	1	32 / 0.25	0.8	1.2	9.6	0.0127	14	95	100/C
	1.5	30 / 0.25	0.8	1.4	11.0	0.0111	18	120	100/C
	2.5	50 / 0.25	0.8	1.4	12.5	0.0092	24	160	100/C
	4	56 / 0.30	0.9	1.6	14.5	0.0084	33	230	100/C
	6	84 / 0.30	0.9	1.6	16.0	0.0071	42	300	100/C
	10	80 / 0.40	1.1	1.8	20.0	0.0068	60	500	500/D
	16	126 / 0.40	1.1	2.2	23.0	0.0050	80	700	500/D
	25	196 / 0.40	1.3	2.4	27.5	0.0048	104	1,000	500/D
35	280 / 0.40	1.3	2.6	31.0	0.0041	130	1,400	500/D	
3	0.5	16 / 0.20	0.8	1.2	7.8	0.0146	7	65	500/D
	0.75	24 / 0.20	0.8	1.2	8.6	0.0115	10	90	500/D
	1	32 / 0.25	0.8	1.4	9.0	0.0110	10	100	500/D
	1.5	30 / 0.25	0.8	1.4	10.0	0.0100	13	130	500/D
	2.5	50 / 0.25	0.8	1.4	10.5	0.0094	13	140	500/D
	4	56 / 0.30	0.9	1.6	11.5	0.0092	18	190	500/D
	6	84 / 0.30	0.9	1.8	12.5	0.0084	18	200	500/D
	10	80 / 0.40	1.1	2.0	13.5	0.0086	25	280	500/D
	16	126 / 0.40	1.1	2.4	14.0	0.0078	25	300	500/D
	25	196 / 0.40	1.3	2.6	15.5	0.0066	33	400	500/D
35	280 / 0.40	1.3	2.8	19.0	0.0059	45	650	500/D	
4	0.5	16 / 0.20	0.8	0.9	7.8	0.0146	7	65	500/D
	0.75	24 / 0.20	0.8	0.9	8.6	0.0115	10	90	500/D
	1	32 / 0.25	0.8	0.9	9.0	0.0110	10	100	500/D
	1.5	30 / 0.25	0.8	1.2	10.0	0.0100	13	130	500/D
	2.5	50 / 0.25	0.8	1.2	10.5	0.0094	13	140	500/D
	4	56 / 0.30	0.9	1.2	11.5	0.0092	18	190	500/D
	6	84 / 0.30	0.9	1.2	12.5	0.0084	18	200	500/D
	10	80 / 0.40	1.1	1.2	13.5	0.0086	25	280	500/D
	16	126 / 0.40	1.1	1.2	14.0	0.0078	25	300	500/D
	25	196 / 0.40	1.3	1.2	15.5	0.0066	33	400	500/D
35	280 / 0.40	1.3	1.4	19.0	0.0059	45	650	500/D	

