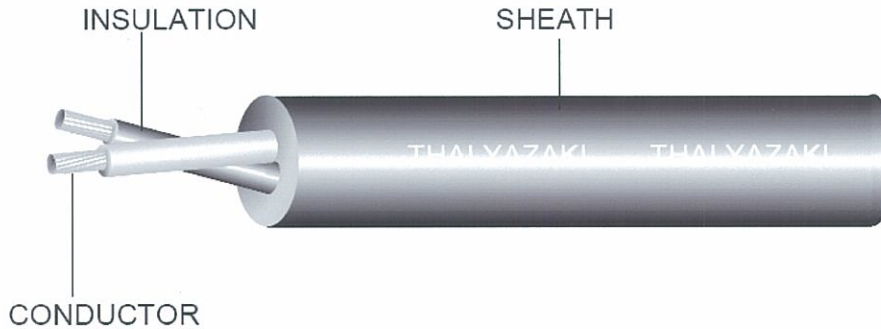


# VCT

750 V 70 °C PVC INSULATED AND SHEATHED FLEXIBLE CABLE



## CABLE STRUCTURE

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

VCT

Number of core	Nominal cross sectional area (mm <sup>2</sup> )	Number of stranded	Insulation thickness (mm)	sheath thickness (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)	Price (Baht/Meter) ราคา (บาทต่อเมตร)
1	0.5	16/0.20	0.8	1.0	0.0160	10	29	100/C	-
	0.75	24/0.20	0.8	1.0	0.0140	13	33	100/C	-
	1	32/0.20	0.8	1.2	0.0127	15	41	100/C	-
	1.5	30/0.25	0.8	1.2	0.0111	19	48	100/C	-
	2.5	50/0.25	0.8	1.2	0.0092	27	60	100/C	-
	4	56/0.30	0.9	1.4	0.0084	36	90	100/C	-
	6	84/0.30	0.9	1.4	0.0071	46	110	100/C	-
	10	80/0.40	1.1	1.8	0.0068	67	210	100/C	-
	16	126/0.40	1.1	1.8	0.0050	88	270	100/C	-
	25	196/0.40	1.3	2.2	0.0048	116	410	100/C	-
	35	276/0.40	1.3	2.2	0.0041	14	540	500/D	-
	50	396/0.40	1.5	2.6	0.0040	181	750	500/D	-
70	360/0.50	1.5	2.6	0.0034	226	980	500/D	-	
95	475/0.50	1.7	3.0	0.0034	268	1,300	500/D	-	
2	0.5	16/0.20	0.8	1.2	0.0160	9	80	100/C	<b>19.70</b>
	0.75	24/0.20	0.8	1.2	0.0140	12	90	100/C	<b>22.30</b>
	1	32/0.20	0.8	1.2	0.0127	14	95	100/C	<b>26.10</b>
	1.5	30/0.25	0.8	1.4	0.0111	18	120	100/C	<b>34.60</b>
	2.5	50/0.25	0.8	1.4	0.0092	24	160	100/C	<b>55.70</b>
	4	56/0.3	0.9	1.6	0.0084	33	230	100/C	<b>79.50</b>
	6	8/0.30	0.9	1.6	0.0071	42	290	100/C	<b>112.90</b>
	10	80/0.40	1.1	1.8	0.0068	60	510	100/C	<b>195.30</b>
	16	126/0.40	1.1	2.2	0.0050	80	710	500/D	<b>280.00</b>
	25	196/0.40	1.3	2.4	0.0048	104	1,030	500/D	<b>441.50</b>
35	276/0.40	1.3	2.6	0.0041	130	1,380	500/D	<b>585.10</b>	
3	0.5	16/0.20	0.8	1.2	0.0160	8	90	100/C	<b>22.90</b>
	0.75	24/0.20	0.8	1.2	0.0140	10	100	100/C	<b>27.90</b>
	1	32/0.20	0.8	1.4	0.0127	12	120	100/C	<b>35.40</b>
	1.5	30/0.20	0.8	1.4	0.0111	15	140	100/C	<b>43.90</b>
	2.5	50/0.25	0.8	1.4	0.0092	20	190	100/C	<b>79.40</b>
	4	56/0.30	0.9	1.6	0.0084	27	280	100/C	<b>100.40</b>
	6	84/0.30	0.9	1.8	0.0071	35	370	100/C	<b>146.90</b>
	10	80/0.40	1.1	2.0	0.0068	51	650	500/D	<b>256.30</b>
	16	126/0.40	1.1	2.4	0.0050	67	900	500/D	<b>379.00</b>
	25	196/0.40	1.3	2.6	0.0048	87	1,320	500/D	<b>571.00</b>
35	276/0.40	1.3	2.8	0.0041	108	1,770	500/D	<b>798.00</b>	
4	0.5	16/0.20	0.8	1.4	0.0160	7	110	100/C	<b>29.00</b>
	0.75	24/0.20	0.8	1.4	0.0140	9	130	100/C	<b>37.10</b>
	1	32/0.20	0.8	1.6	0.0127	11	150	100/C	<b>44.10</b>
	1.5	30/0.25	0.8	1.6	0.0111	13	180	100/C	<b>56.80</b>
	2.5	50/0.25	0.8	1.6	0.0092	18	240	100/C	<b>88.70</b>
	4	56/0.30	0.9	1.8	0.0084	25	350	100/C	<b>127.50</b>
	6	84/0.30	0.9	2.0	0.0071	32	480	100/C	<b>191.20</b>
	10	80/0.40	1.1	2.2	0.0068	46	820	500/D	<b>335.50</b>
	16	126/0.40	1.1	2.6	0.0050	60	1,150	500/D	<b>485.40</b>
	25	196/0.40	1.3	2.8	0.0048	78	1,680	500/D	<b>731.40</b>
35	276/0.40	1.3	3.1	0.0041	97	2,290	500/D	<b>1018.00</b>	

TISI PERMITTED TO INCREASE THE MAXIMUM OERALL DIAMETER BY 5% (FOR MULTICORE)

C : PACKING IN COIL

D : PACKING IN DRUM