



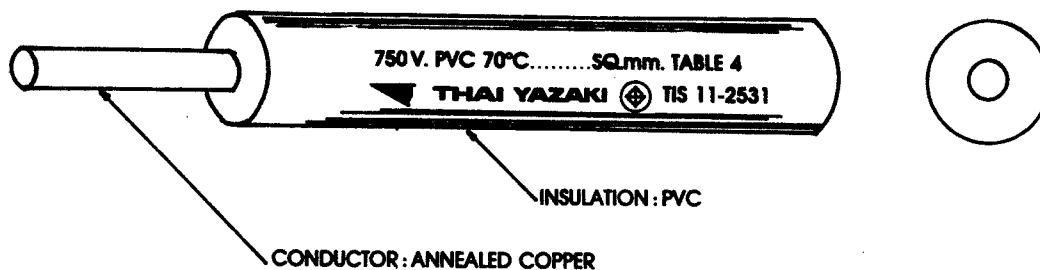
# THAI YAZAKI



TIS 11-2531

## SECTION-1 : BUILDING WIRES AND CABLES.

1-2 : THW, MEA TYPE A  
(THAI INDUSTRIAL STANDARD)



### THW, MEA TYPE A : 750 V 70° C PVC INSULATED, SINGLE CORE.

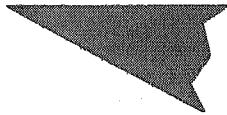
CONDUCTOR	:	Solid and stranded annealed copper, sizes 0.5 mm <sup>2</sup> up to 500 mm <sup>2</sup> .
INSULATION	:	PVC—Any colour.
CLASSIFICATION	:	Maximum conductor temperature 70° C. Circuit voltage not exceeding 750 volts.
TESTING VOLTAGE	:	2,500 volts.
EQUIVALENT	:	Table 4 of TIS II-2531.

SECTION 1-2  
THW, MEA TYPE A

TIS 11 - 2531  
TABLE 4

Nominal cross-sectional area (mm <sup>2</sup> )	Number and diameter of wire (No/mm)	Insulation thickness (mm)	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)
0.5	1/0.80	0.8	3.0	0.0175	9-	11-	100/C
1	1/1.13	0.8	3.3	0.0141	13-	17-	100/C
1	7/0.40	0.8	3.5	0.0135	13-	17-	100/C
1.5	1/1.38	0.8	3.6	0.0123	17-	22-	100/C
1.5	7/0.50	0.8	3.8	0.0116	17-	22-	100/C
2.5	1/1.78	0.8	4.0	0.0102	23-	31-	100/C
2.5	7/0.67	0.8	4.3	0.0093	23-	31-	100/C
4	1/2.25	0.9	4.8	0.0094	32-	50-	100/C
4	7/0.85	0.9	5.2	0.0085	32-	50-	100/C
6	7/1.04	0.9	5.8	0.0073	43-	75-	100/C
10	7/1.35	1.1	7.2	0.0069	60-	120-	100/C
16	7/1.70	1.1	8.4	0.0057	83-	180-	100/C
25	7/2.14	1.3	10.5	0.0054	114-	290-	100/C
35	19/1.53	1.3	11.5	0.0047	141-	380-	100/C
50	19/1.78	1.5	13.5	0.0046	175-	540-	500/D
70	19/2.14	1.5	15.5	0.0039	221-	720-	500/D
95	19/2.52	1.7	18.0	0.0038	275-	1,000-	500/D
120	37/2.03	1.7	19.5	0.0034	321-	1,240-	500/D
150	37/2.25	1.9	21.5	0.0034	367-	1,520-	500/D
185	37/2.52	2.1	24.0	0.0034	424-	1,900-	500/D
240	61/2.25	2.3	27.0	0.0033	505-	2,480-	500/D
300	61/2.52	2.5	30.0	0.0032	581-	3,100-	500/D
400	61/2.85	2.7	33.5	0.0030	675-	3,950-	500/D
500	61/3.20	3.1	38.0	0.0031	781-	5,150-	500/D

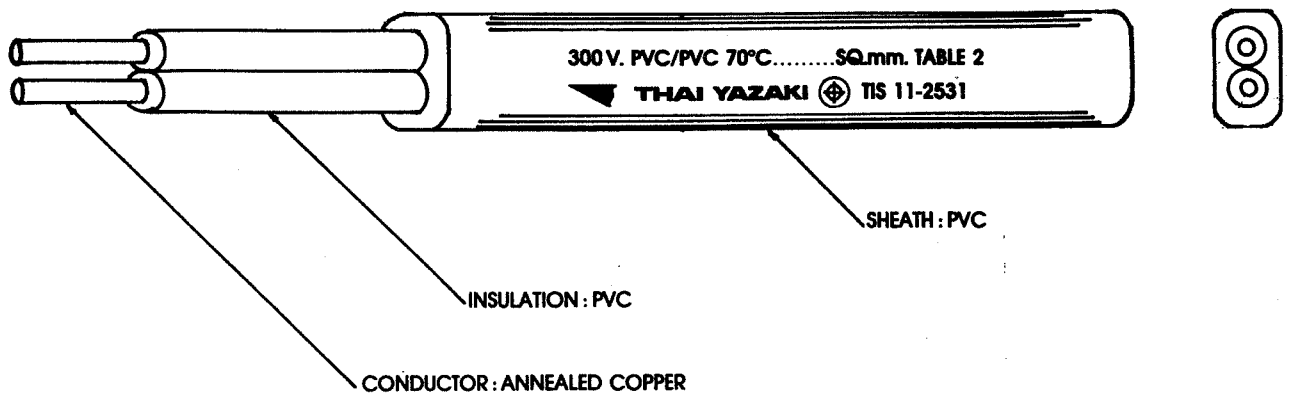
C : Packing in coil.  
D : Packing in drum.



# THAI YAZAKI

## SECTION-1 : BUILDING WIRES AND CABLES.

1-3 : VAF  
(THAI INDUSTRIAL STANDARD)



### VAF : 300 V 70° C PVC INSULATED AND SHEATHED FLAT TYPE.

NUMBER OF CORE CONDUCTOR	:	2-3 cores. Solid and stranded annealed copper. sizes 0.5 mm <sup>2</sup> up to 35 mm <sup>2</sup> for 2-core and up to 16 mm <sup>2</sup> for 3-cores.
INSULATION	:	PVC. Colour : 2 core-Light grey, Black. 3 core-Light grey, Black, Red.
SHEATH	:	PVC. Colour : White.
CLASSIFICATION	:	Maximum conductor temperature 70° C. Circuit voltage not exceeding 300 volts.
TESTING VOLTAGE EQUIVALENT	:	2,000 volts. Table 2 of TIS II-2531.

**SECTION 1-3**  
VAF

TIS 11-2531  
TABLE 2

Number of core	Nominal cross sectional area (mm <sup>2</sup> )	Number and diameter of wire (No/mm)	Insulation thickness (mm)	Sheath thickness (mm)	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)
					Lower limit	Upper limit				
2	0.5	1/0.80	0.6	0.9	3.6 × 5.6	4.4 × 6.8	0.0146	7-	37-	100/C
	1	1/1.13	0.6	0.9	4.0 × 6.2	4.8 × 7.4	0.0115	11-	50-	100/C
	1	7/0.40	0.6	0.9	4.0 × 6.4	5.0 × 7.8	0.0110	11-	50-	100/C
	1.5	1/1.38	0.6	1.2	4.8 × 7.2	5.8 × 8.6	0.0100	15-	70-	100/C
	1.5	7/0.50	0.6	1.2	4.9 × 7.4	6.0 × 9.2	0.0094	15-	70-	100/C
	2.5	1/1.78	0.7	1.2	5.4 × 8.4	6.4 × 10.0	0.0092	20-	100-	100/C
	2.5	7/0.67	0.7	1.2	5.6 × 8.8	6.8 × 10.5	0.0084	20-	100-	100/C
	4	1/2.25	0.8	1.2	6.0 × 9.8	7.2 × 11.5	0.0086	27-	140-	100/C
	4	7/0.85	0.8	1.2	6.2 × 10.0	7.6 × 12.0	0.0078	27-	140-	100/C
	6	7/1.04	0.8	1.2	6.8 × 11.0	8.2 × 13.5	0.0066	35-	200-	100/C
	10	7/1.35	0.9	1.2	8.0 × 13.5	9.4 × 16.0	0.0059	49-	300-	100/C
	16	7/1.70	1.0	1.2	9.2 × 16.0	11.0 × 18.5	0.0053	65-	440-	100/C
	25	7/2.14	1.2	1.4	11.0 × 19.5	13.0 × 22.5	0.0051	88-	690-	500/D
	35	19/1.53	1.2	1.4	12.0 × 22.0	14.5 × 25.0	0.0043	109-	900-	500/D
3	0.5	1/0.80	0.6	0.9	3.6 × 7.4	4.4 × 9.0	0.0146	6-	50-	100/C
	1	1/1.13	0.6	0.9	4.0 × 8.4	4.8 × 10.0	0.0115	9-	70-	100/C
	1	7/0.40	0.6	0.9	4.0 × 8.6	5.0 × 10.5	0.0110	9-	70-	100/C
	1.5	1/1.38	0.6	1.2	4.8 × 9.8	5.8 × 11.5	0.0100	12-	100-	100/C
	1.5	7/0.50	0.6	1.2	4.9 × 10.0	6.0 × 12.5	0.0094	12-	100-	100/C
	2.5	1/1.78	0.7	1.2	5.4 × 11.5	6.4 × 13.5	0.0092	16-	150-	100/C
	2.5	7/0.67	0.7	1.2	5.6 × 12.0	6.8 × 14.5	0.0084	16-	150-	100/C
	4	1/2.25	0.8	1.2	6.0 × 13.5	7.2 × 16.0	0.0086	22-	210-	100/C
	4	7/0.85	0.8	1.2	6.2 × 14.0	7.6 × 16.5	0.0078	22-	210-	100/C
	6	7/1.04	0.8	1.2	6.8 × 16.0	8.2 × 18.5	0.0066	29-	300-	100/C
	10	7/1.35	0.9	1.2	8.0 × 19.0	9.4 × 22.0	0.0059	40-	450-	500/D
	16	7/1.70	1.0	1.4	9.6 × 23.0	11.5 × 26.5	0.0053	53-	680-	500/D

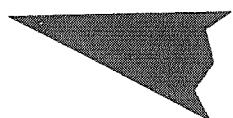
TISI permitted to increase the maximum overall diameter by 5 %

C : Packing in coil.

D : Packing in drum.



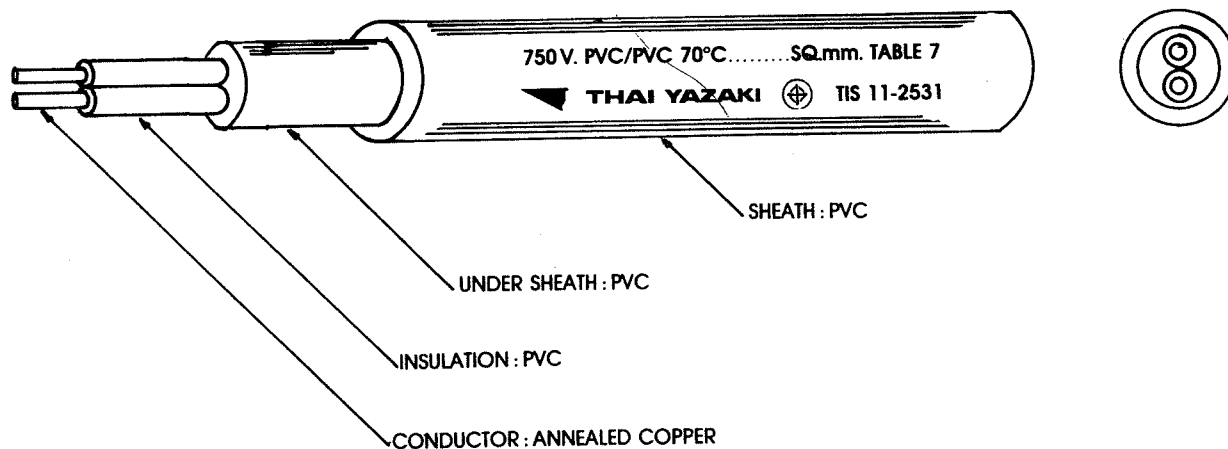
TIS 11-2531



# THAI YAZAKI

## SECTION-2 : LOW VOLTAGE POWER CABLES.

\* 2-6 : NYY, MEA TYPE C  
(THAI INDUSTRIAL STANDARD)



### NYY, MEA TYPE C : 750 V 70° C PVC INSULATED AND DOUBLE SHEATHED ROUND TYPE.

NUMBER OF CORE	:	Up to 4 cores.
CONDUCTOR	:	Solid and stranded annealed copper Sizes, Single core-1 mm <sup>2</sup> up to 500 mm <sup>2</sup> Multi core-1 mm <sup>2</sup> up to 300 mm <sup>2</sup>
INSULATION	:	PVC. Colour : Single core - Black. 2 core - Light grey, Black. 3 core - Light grey, Black, Red. 4 core - Light grey, Black, Red, Blue.
SHEATH AND UNDER SHEATH CLASSIFICATION	:	PVC. Colour : Black. : Maximum conductor temperature 70° C. Circuit voltage not exceeding 750 volts.
TESTING VOLTAGE EQUIVALENT	:	2,500 volts. : Single core - Table 6 of TIS 11-2531 Multi core - Table 7 of TIS 11-2531

**SECTION 2-6 (A)**  
**NYY, MEA TYPE C.(SINGLE CORE)**

TIS 11-2531  
 TABLE 6

Nominal cross sectional area (mm <sup>2</sup> )	Number and diameter of wire (No/mm)	Insulation thickness (mm)	Sheath thickness (mm)	Overall diameter (mm)	Minimum insulation resistance at 70° C (MΩ-Km)	Maximum continuous current rating (Ampere)		Cable weight (approx.) (Kg/Km)	Standard length (m)
						Free air	Under ground		
1	1/1.13	1.5	1.8	8.6	0.0207	17-	22-	80-	100/C
1	7/0.40	1.5	1.8	8.8	0.0200	17-	22-	80-	100/C
1.5	1/1.38	1.5	1.8	9.0	0.0184	21-	27-	90-	100/C
1.5	7/0.50	1.5	1.8	9.2	0.0175	21-	27-	90-	100/C
2.5	1/1.78	1.5	1.8	9.4	0.0157	28-	36-	100-	100/C
2.5	7/0.67	1.5	1.8	9.8	0.0146	28-	36-	100-	100/C
4	1/2.25	1.5	1.8	10.0	0.0135	38-	47-	130-	100/C
4	7/0.85	1.5	1.8	10.5	0.0124	38-	47-	130-	100/C
6	7/1.04	1.5	1.8	11.0	0.0107	49-	60-	160-	100/C
10	7/1.35	1.5	1.8	12.0	0.0088	67-	81-	210-	500/D
16	7/1.70	1.5	1.8	13.0	0.0074	89-	105-	280-	500/D
25	7/2.14	1.5	1.8	14.5	0.0061	118-	136-	390-	500/D
35	19/1.53	1.5	1.8	16.0	0.0053	146-	165-	500-	500/D
50	19/1.78	1.5	1.8	17.0	0.0046	177-	196-	660-	500/D
70	19/2.14	1.5	1.8	19.0	0.0039	222-	241-	850-	500/D
95	19/2.52	1.7	1.8	21.5	0.0038	274-	289-	1,150-	500/D
120	37/2.03	1.7	1.8	23.0	0.0034	318-	330-	1,400-	500/D
150	37/2.25	1.9	2.0	26.0	0.0034	362-	370-	1,720 <sup>±</sup>	500/D
185	37/2.52	2.1	2.0	28.0	0.0034	416-	419-	2,130-	500/D
240	61/2.25	2.3	2.2	31.5	0.0033	492-	486-	2,760-	500/D
300	61/2.52	2.5	2.2	35.0	0.0032	565-	551-	3,400-	500/D
400	61/2.85	2.7	2.2	38.5	0.0030	655-	629-	4,290-	500/D
500	61/3.20	3.1	2.4	43.0	0.0031	757-	717-	5,570-	500/D

Remark : SPECIAL PROTECTION CAN BE PRODUCED, SEE DETAILS AT PART E, PAGE 122.

C : Packing in coil.

D : Packing in drum.

**SECTION 2-6 (B)**  
**NYN, MEA TYPE C.**

TIS 11-2531  
 TABLE 7

Nominal cross sectional area (mm <sup>2</sup> )	Number and diameter of wire (No/mm)	Insulation thickness (mm)	Thickness of the under sheath (mm)	Thickness of sheath (mm)	Overall diameter (mm)	Minimum insulation resistance at 70° C (MΩ-Km)	Maximum continuous current rating (Ampere)		Cable weight (approx.) (Kg/Km)	Standard length (m)
							Free air	Under ground		
1	1/1.13	0.8	0.8	1.8	12.0	0.0141	15-	21-	160-	100/C
1	7/0.40	0.8	0.8	1.8	12.5	0.0135	15-	21-	160-	100/C
1.5	1/1.38	0.8	0.8	1.8	12.5	0.0123	19-	27-	180-	100/C
1.5	7/0.50	0.8	0.8	1.8	13.0	0.0116	19-	27-	180-	100/C
2.5	1/1.78	0.8	0.8	1.8	13.5	0.0102	25-	35-	210-	100/C
2.5	7/0.67	0.8	0.8	1.8	14.0	0.0093	25-	35-	210-	100/C
4	1/2.25	0.9	0.8	1.8	15.0	0.0094	33-	47-	280-	100/C
4	7/0.85	0.9	0.8	1.8	15.5	0.0085	33-	47-	280-	100/C
6	7/1.04	0.9	0.8	1.8	17.0	0.0073	43-	60-	370-	100/C
10	7/1.35	1.1	0.8	1.8	19.5	0.0069	60-	81-	530-	500/D
16	7/1.70	1.1	0.8	2.0	22.5	0.0057	80-	105-	720-	500/D
25	7/2.14	1.3	1.2	2.0	27.0	0.0054	106-	136-	1090-	500/D
35	19/1.53	1.3	1.2	2.0	29.5	0.0047	130-	165-	1360-	500/D
50	19/1.78	1.5	1.2	2.2	33.5	0.0046	157-	196-	1880-	500/D
70	19/2.14	1.5	1.5	2.2	38.0	0.0039	195-	240-	2430-	500/D
95	19/2.52	1.7	1.5	2.2	42.5	0.0038	239-	290-	3220-	500/D
120	37/2.03	1.7	1.5	2.4	46.5	0.0034	280-	332-	3940-	500/D
150	37/2.25	1.9	1.8	2.6	52.0	0.0034	320-	370-	4840-	500/D
185	37/2.52	2.1	1.8	2.8	57.0	0.0034	370-	419-	5970-	500/D
240	61/2.25	2.3	2.0	3.0	64.0	0.0033	440-	484-	7700-	300/D
300	61/2.52	2.5	2.0	3.2	70.5	0.0032	507-	547-	9450-	300/D
1	1/1.13	0.8	0.8	1.8	12.5	0.0141	12-	18-	180-	100/C
1	7/0.40	0.8	0.8	1.8	13.0	0.0135	12-	18-	180-	100/C
1.5	1/1.38	0.8	0.8	1.8	13.0	0.0123	16-	22-	200-	100/C
1.5	7/0.50	0.8	0.8	1.8	13.5	0.0116	16-	22-	200-	100/C
2.5	1/1.78	0.8	0.8	1.8	14.0	0.0102	21-	30-	250-	100/C
2.5	7/0.67	0.8	0.8	1.8	15.0	0.0093	21-	30-	250-	100/C
4	1/2.25	0.9	0.8	1.8	15.5	0.0094	28-	39-	330-	100/C
4	7/0.85	0.9	0.8	1.8	16.5	0.0085	28-	39-	330-	100/C
6	7/1.04	0.9	0.8	1.8	18.0	0.0073	37-	50-	440-	100/C
10	7/1.35	1.1	0.8	1.8	20.5	0.0069	50-	68-	640-	500/D
16	7/1.70	1.1	1.2	2.0	24.5	0.0057	67-	87-	930-	500/D
25	7/2.14	1.3	1.2	2.0	28.5	0.0054	89-	113-	1360-	500/D
35	19/1.53	1.3	1.2	2.0	31.5	0.0047	109-	137-	1720-	500/D
50	19/1.78	1.5	1.5	2.2	36.0	0.0046	131-	162-	2440-	500/D
70	19/2.14	1.5	1.5	2.2	40.5	0.0039	163-	200-	3110-	500/D
95	19/2.52	1.7	1.5	2.4	46.0	0.0038	202-	240-	4180-	500/D
120	37/2.03	1.7	1.8	2.6	50.5	0.0034	235-	273-	5190-	500/D
150	37/2.25	1.9	1.8	2.8	56.0	0.0034	269-	306-	6300-	500/D
185	37/2.52	2.1	2.0	3.0	61.5	0.0034	311-	346-	7840-	300/D
240	61/2.25	2.3	2.0	3.2	69.0	0.0033	371-	402-	10060-	300/D
300	61/2.52	2.5	2.2	3.4	76.0	0.0032	427-	453-	12450-	200/D

**SECTION 2-6 (B)**  
**NYN, MEA TYPE C**

TIS 11-2  
TABLE

Number of core	Nominal cross sectional area (mm <sup>2</sup> )	Number and diameter of wire (No/mm)	Insulation thickness (mm)	Thickness of the under sheath (mm)	Thickness of sheath (mm)	Overall diameter (mm)	Minimum insulation resistance at 70° C (MΩ-Km)	Maximum continuous current rating (Ampere)		Cable weight (approx.) (Kg/Km)	Standard length (m)
								Free air	Under ground		
4	1	1/1.13	0.8	0.8	1.8	13.5	0.0141	11-	16-	200-	100/C
	1	7/0.40	0.8	0.8	1.8	14.0	0.0135	11-	16-	200-	100/C
	1.5	1/1.38	0.8	0.8	1.8	14.0	0.0123	14-	20-	230-	100/C
	1.5	7/0.50	0.8	0.8	1.8	14.5	0.0116	14-	20-	230-	100/C
	2.5	1/1.78	0.8	0.8	1.8	15.0	0.0102	19-	27-	290-	100/C
	2.5	7/0.67	0.8	0.8	1.8	16.0	0.0093	19-	27-	290-	100/C
	4	1/2.25	0.9	0.8	1.8	17.0	0.0094	25-	35-	390-	100/C
	4	7/0.85	0.9	0.8	1.8	17.5	0.0085	25-	35-	390-	100/C
	6	7/1.04	0.9	0.8	1.8	19.0	0.0073	33-	45-	530-	500/D
	10	7/1.35	1.1	0.8	2.0	23.0	0.0069	45-	60-	810-	500/D
	16	7/1.70	1.1	1.2	2.0	26.5	0.0057	60-	77-	1160-	500/D
	25	7/2.14	1.3	1.2	2.0	31.0	0.0054	79-	100-	1700-	500/D
	35	19/1.53	1.3	1.5	2.2	35.0	0.0047	97-	120-	2240-	500/D
	50	19/1.78	1.5	1.5	2.2	39.5	0.0046	117-	144-	3070-	500/D
	70	19/2.14	1.5	1.5	2.4	44.5	0.0039	147-	176-	3970-	500/D
	95	19/2.52	1.7	1.8	2.6	51.5	0.0038	182-	211-	5410-	500/D
	120	37/2.03	1.7	1.8	2.8	56.0	0.0034	213-	241-	6640-	500/D
	150	37/2.25	1.9	2.0	3.0	62.0	0.0034	243-	270-	8130-	300/D
	185	37/2.52	2.1	2.0	3.2	68.0	0.0034	282-	306-	10050-	300/D
	240	61/2.25	2.3	2.2	3.4	76.5	0.0033	335-	354-	12960-	200/D
300	61/2.52	2.5	2.2	3.8	85.0	0.0032	385-	399-	16040-	200/D	

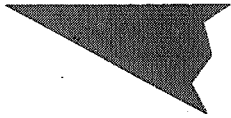
TISI PERMITTED TO INCREASE THE MAXIMUM OVERALL DIAMETER BY 5%

\* REMARK : SPECIAL PROTECTION CAN BE PRODUCED, SEE DETAILS AT PART E, PAGE 122

C : Packing in coil

D : Packing in drum





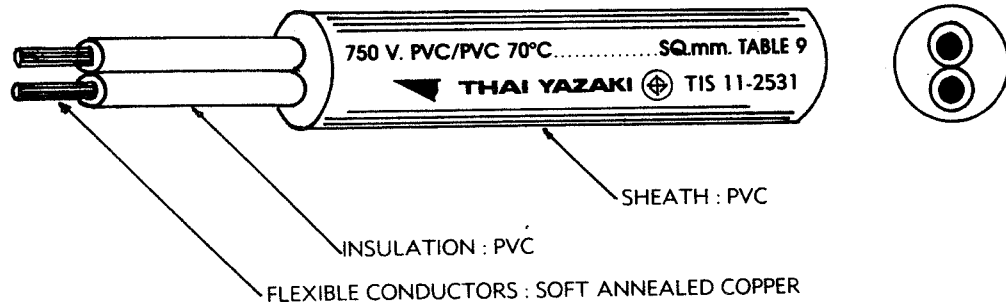
# THAI YAZAKI



TIS 11-2531

## SECTION-5 : FLEXIBLE WIRES AND CABLES.

5-6 : VCT  
(THAI INDUSTRIAL STANDARD)



### VCT : 750 V 70° C PVC INSULATED AND SHEATHED FLEXIBLE CABLE.

NUMBER OF CORE CONDUCTOR	: Up to 4 cores. : Flexible annealed copper wires. : Sizes, 0.5 mm <sup>2</sup> up to 95 mm <sup>2</sup> for single core. : 0.5 mm <sup>2</sup> up to 35 mm <sup>2</sup> for multi core.
INSULATION	: PVC. : Colour : Single core—Black. : 2 core—Light grey, Black. : 3 core—Light grey, Black, Red. : 4 core—Light grey, Black, Red, Blue.
SHEATH	: PVC. : Colour : Black.
CLASSIFICATION	: Maximum conductor temperature 70° C. : Circuit voltage not exceeding 750 volts.
TESTING VOLTAGE EQUIVALENT	: 2,500 volts. : Table 9 of TIS 11-2531

## SECTION 5-6

VCT

TIS 11-2531

TABLE 9

Number of core	Nominal cross sectional area (mm <sup>2</sup> )	Number and diameter of wire (No/mm)	Insulation thickness (mm)	Sheath thickness (mm)	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	29	100/C
	0.75	24/0.20	0.8	1.0	5.6	0.0140	13	33	100/C
	1	32/0.20	0.8	1.2	6.2	0.0127	15	41	100/C
	1.5	30/0.25	0.8	1.2	6.6	0.0111	19	48	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	90	100/C
	6	84/0.30	0.9	1.4	9.4	0.0071	46	110	100/C
	10	80/0.40	1.1	1.8	12.0	0.0068	67	210	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	410	100/C
	35	276/0.40	1.3	2.2	17.5	0.0041	145	540	500/D
	50	396/0.40	1.5	2.6	21.0	0.0040	181	750	500/D
	70	360/0.50	1.5	2.6	23.0	0.0034	226	980	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	80	100/C
	0.75	24/0.20	0.8	1.2	9.2	0.0140	12	90	100/C
	1	32/0.20	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	290	100/C
	10	80/0.40	1.1	1.8	20.0	0.0068	60	510	100/C
	16	126/0.40	1.1	2.2	23.0	0.0050	80	710	500/D
	25	196/0.40	1.3	2.4	27.5	0.0048	104	1,030	500/D
	35	276/0.40	1.3	2.6	31.0	0.0041	130	1,380	500/D
3	0.5	16/0.20	0.8	1.2	9.2	0.0160	8	90	100/C
	0.75	24/0.20	0.8	1.2	9.6	0.0140	10	100	100/C
	1	32/0.20	0.8	1.4	10.5	0.0127	12	120	100/C
	1.5	30/0.25	0.8	1.4	11.5	0.0111	15	140	100/C
	2.5	50/0.25	0.8	1.4	13.0	0.0092	20	190	100/C
	4	56/0.30	0.9	1.6	15.5	0.0084	27	280	100/C
	6	84/0.30	0.9	1.8	17.5	0.0071	35	370	100/C
	10	80/0.40	1.1	2.0	21.5	0.0068	51	650	500/D
	16	126/0.40	1.1	2.4	25.0	0.0050	67	900	500/D
	25	196/0.40	1.3	2.6	30.0	0.0048	87	1,320	500/D
	35	276/0.40	1.3	2.8	33.5	0.0041	108	1,770	500/D
4	0.5	16/0.20	0.8	1.4	10.5	0.0160	7	110	100/C
	0.75	24/0.20	0.8	1.4	11.0	0.0140	9	130	100/C
	1	32/0.20	0.8	1.6	12.0	0.0127	11	150	100/C
	1.5	30/0.25	0.8	1.6	12.5	0.0111	13	180	100/C
	2.5	50/0.25	0.8	1.6	15.0	0.0092	18	240	100/C
	4	56/0.30	0.9	1.8	17.0	0.0084	25	350	100/C
	6	84/0.30	0.9	2.0	19.5	0.0071	32	480	100/C
	10	80/0.40	1.1	2.2	24.0	0.0068	46	820	500/D
	16	126/0.40	1.1	2.6	28.0	0.0050	60	1,150	500/D
	25	196/0.40	1.3	2.8	33.0	0.0048	78	1,680	500/D
	35	276/0.40	1.3	3.1	37.0	0.0041	97	2,290	500/D

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

C : PACKING IN COIL

D : PACKING IN DRUM