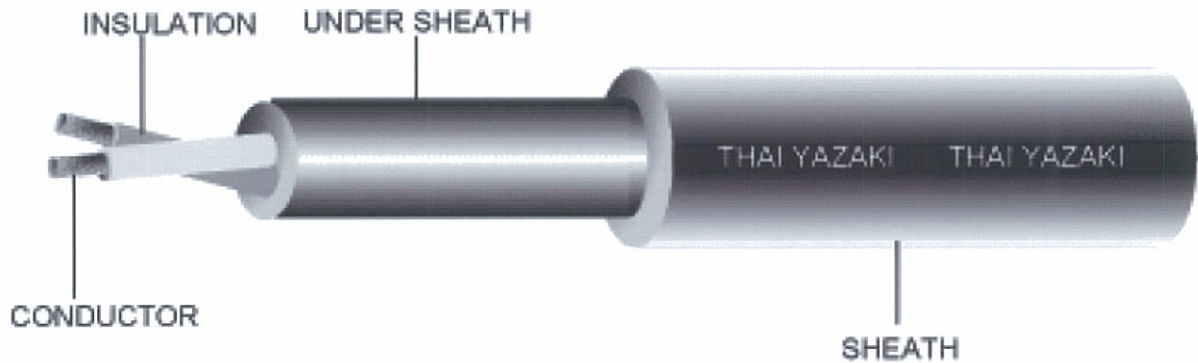


## NY Y, ME A TYPE C

750 V 70 °C PVC INSULATED AND DOUBLE SHEATHED ROUND TYPE



### CABLE STRUCTURE

- NUMBER OF CORE CONDUCTOR** : Up to 4 cores  
: Solid and stranded annealed copper, sizes 1 mm<sup>2</sup> up to 500 mm<sup>2</sup>  
: Multi core 1 mm<sup>2</sup> up 300 mm<sup>2</sup>
- INSULATION** : PVC  
Color: Single core – Black  
2 cores – Light gray and Black  
3 cores – Light gray, Black and Red  
4 cores – Light gray, Black, Red and Blue
- SHEATH** : PVC  
Color: Black
- CLASSIFICATION** : Maximum conductor temperature 70 °C  
Circuit voltage not exceeding 750 volts
- TESTING VOLTAGE REFERENCE** : 2,500 volts  
: TIS 11 Table 6 (Single core)  
: TIS 11 -2531, Table 7 (Multi core)

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)	Minimum insulation resistance at 70°C (MΩ -Km)	Overall diameter (mm)	Cable weight (approx.) (Kg/Km)	Standard length (m)	Price (Baht/Meter) ราคา (บาทต่อเมตร)
1	1/1.13	1.5	1.8	0.0207	8.6	80	100/C	22.50
1	7/0.40	1.5	1.8	0.0200	8.8	80	100/C	22.50
1.5	1/1.38	1.5	1.8	0.0184	9.0	90	100/C	25.00
1.5	7/0.50	1.5	1.8	0.015	9.2	90	100/C	25.00
2.5	1/1.78	1.5	1.8	0.0157	9.4	100	100/C	29.20
2.5	7/0.67	1.5	1.8	0.0146	9.8	100	100/C	29.20
4	1/2.25	1.5	1.8	0.0135	10.0	130	100/C	39.40
4	7/0.85	1.5	1.8	0.0124	10.5	130	100/C	39.40
6	7/1.04	1.5	1.8	0.0107	11.0	160	100/C	58.80
10	7/1.35	1.5	1.8	0.0088	12.0	210	500/D	70.50
16	7/1.70	1.5	1.8	0.0074	13.0	280	500/D	98.80
25	7/2.14	1.5	1.8	0.0061	14.5	390	500/D	144.60
35	19/1.53	1.5	1.8	0.0053	16.0	500	500/D	196.00
50	19/1.78	1.5	1.8	0.0046	17.0	660	500/D	259.70
70	19/2.14	1.5	1.8	0.0039	19.0	850	500/D	352.80
95	19/2.52	1.7	1.8	0.0038	21.5	1,150	500/D	474.00
120	37/2.03	1.7	1.8	0.0034	23.0	1,400	500/D	608.00
150	37/2.25	1.9	2.0	0.0034	26.0	1,720	500/D	746.00
185	37/2.52	2.1	2.0	0.0034	28.0	2,130	500/D	928.00
240	61/2.25	2.3	2.2	0.0033	31.5	2,760	500/D	1209.00
300	61/2.52	2.5	2.2	0.0032	35.0	3,400	500/D	1507.00
400	61/2.85	2.7	2.2	0.0030	38.5	4,290	500/D	1928.00
500	61/3.20	3.1	2.4	0.0031	43.0	5,570	500/D	2527.00

TISI permitted to increase the maximum overall diameter by 5%

C : Packing in coil.

D : packing in drum.

NYY, MEA TYPE C

TIS 11 -2531  
TABLE 7

Number of core	Nominal cross sectional area (mm <sup>2</sup> )	Number and diameter of wire (No/mm)	Insulation thickness (mm)	Sheath thickness (mm)	Minimum insulation resistance at 70°C (MΩ -Km)	Overall diameter (mm)	Cable weight (approx.) (Kg/Km)	Standard length (m)	Price (Baht/Meter) ราคา (บาทต่อเมตร)
2	1	1/1.13	0.8	1.8	0.0141	12.0	190	100/C	43.40
	1	7/0.40	0.8	1.8	0.0135	12.5	160	100/C	43.40
	1.5	1/1.38	0.8	1.8	0.0123	12.5	180	100/C	48.10
	1.5	7/0.50	0.8	1.8	0.0116	13.0	180	100/C	48.10
	2.5	1/1.78	0.8	1.8	0.0102	13.5	210	100/C	57.60
	2.5	7/0.67	0.8	1.8	0.0093	14.0	210	100/C	57.60
	4	1/2.25	0.9	1.8	0.0094	15.0	280	100/C	81.50
	4	7/0.85	0.9	1.8	0.0085	15.5	280	100/C	81.50
	6	7/1.04	0.9	1.8	0.0073	17.0	370	100/C	112.90
	10	7/1.35	1.1	1.8	0.0069	19.5	530	500/D	159.80
	16	7/1.70	1.1	2.0	0.0057	22.5	720	500/D	226.20
	25	7/2.14	1.3	2.0	0.0054	27.0	1,090	500/D	332.60
	35	19/1.53	1.3	2.0	0.0047	29.5	1,360	500/D	441.10
	50	19/1.78	1.5	2.2	0.0046	33.5	1,880	500/D	630.30
	70	19/2.14	1.5	2.2	0.0039	38.0	2,430	500/D	891.00
	95	19/2.52	1.7	2.2	0.0038	42.5	3,220	500/D	1,200.00
	120	37/2.03	1.7	2.4	0.0034	46.5	3,940	500/D	1,490.00
	150	37/2.25	1.9	2.6	0.0034	52.0	4,840	500/D	1,830.00
185	37/2.52	2.1	2.8	0.0034	57.0	5,970	500/D	2,288.00	
240	61/2.25	2.3	3.0	0.0033	64.0	7,700	500/D	2,992.00	
300	61/2.52	2.5	3.2	0.0032	70.5	9,450	500/D	3,724.00	
3	1	1/1.13	0.8	1.8	0.0141	12.5	180	100/C	48.95
	1	7/0.40	0.8	1.8	0.0135	13.0	180	100/C	48.95
	1.5	1/1.38	.8	1.8	0.0123	13.0	200	100/C	54.90
	1.5	7/0.50	0.8	1.8	0.0116	13.5	200	100/C	54.90
	2.5	1/1.78	0.8	1.8	0.0102	14.0	250	100/C	67.40
	2.5	7/0.67	0.8	1.8	0.0093	15.0	250	100/C	67.40
	4	1/2.25	0.9	1.8	0.0094	15.5	330	100/C	96.95
	4	7/0.85	0.9	1.8	0.0085	16.5	330	100/C	96.95
	6	7/1.04	0.9	1.8	0.0073	18.0	440	100/C	140.00
	10	7/1.35	1.1	1.8	0.0069	20.5	640	500/D	205.00
	16	7/1.70	1.1	2.0	0.0057	24.5	930	500/D	301.00
	25	7/2.14	1.3	2.0	0.0054	28.5	1,360	500/D	460.10
	35	19/1.53	1.3	2.0	0.0047	31.5	1,720	500/D	622.30
	50	19/1.78	1.5	2.2	0.0046	36.0	2,440	500/D	874.70
	70	19/2.14	1.5	2.2	0.0039	40.5	3,110	500/D	1,183.70
	95	19/2.52	1.7	2.4	0.0038	46.0	4,180	500/D	1,656.90
	120	37/2.03	1.7	2.6	0.0034	50.5	5,190	500/D	2,092.00
	150	37/2.25	1.9	2.8	0.0034	56.0	6,300	500/D	2,546.00
185	37/2.52	2.1	3.0	0.0034	61.5	7,840	500/D	3,170.00	
240	61/2.25	2.3	3.2	0.0033	69.0	10,060	500/D	4,145.00	
300	61/2.52	2.5	3.4	0.0032	76.0	12,450	500/D	5,136.00	

TISI permitted to increase the maximum overall diameter by 5%

C : Packing in coil.

D : packing in drum.

NYN, MEA TYPE C

TIS 11 -2531  
TABLE 7

Number of core	Nominal cross sectional area (mm <sup>2</sup> )	Number and diameter of wire (No/mm)	Insulation thickness (mm)	Sheath thickness (mm)	Minimum insulation resistance at 70°C (MΩ -Km)	Overall diameter (mm)	Cable weight (approx.) (Kg/Km)	Standard length (m)	Price (Baht/Meter) ราคา (บาทต่อเมตร)
4	1	1/1.13	0.8	1.8	0.0141	13.5	200	100/C	55.70
	1	7/0.40	0.8	1.8	0.0135	14.0	200	100/C	55.70
	1.5	1/1.38	0.8	1.8	0.0123	14.0	230	100/C	63.30
	1.5	7/0.50	0.8	1.8	0.0116	14.5	230	100/C	63.30
	2.5	1/1.78	0.8	1.8	0.0102	15.0	290	100/C	78.80
	2.5	7/0.67	0.8	1.8	0.0093	16.0	290	100/C	78.80
	4	1/2.25	0.9	1.8	0.0094	17.0	390	100/C	116.60
	4	7/0.85	0.9	1.8	0.0085	17.5	390	100/C	116.60
	6	7/1.04	0.9	1.8	0.0073	19.0	530	500/D	170.50
	10	7/1.35	1.1	2.0	0.0069	23.0	810	500/D	260.20
	16	7/1.70	1.1	2.0	0.0057	26.5	1,160	500/D	392.30
	25	7/2.14	1.3	2.0	0.0054	31.0	1,700	500/D	590.40
	35	19/1.53	1.3	2.2	0.0047	35.0	2,240	500/D	859.00
	50	19/1.78	1.5	2.2	0.0046	39.5	3,070	500/D	1,115.00
	70	19/2.14	1.5	2.4	0.0039	44.5	3,970	500/D	1,550.00
	95	19/2.52	1.7	2.6	0.0038	51.5	5,410	500/D	2,155.00
	120	37/2.03	1.7	2.8	0.0034	56.0	6,640	500/D	2,726.00
	150	37/2.25	1.9	3.0	0.0034	62.0	8,130	300/D	3,338.00
185	37/2.52	2.1	3.2	0.0034	68.0	10,050	300/D	4,189.00	
240	61/2.25	2.3	3.4	0.0033	76.5	12,960	200/D	5,519.00	
300	61/2.52	2.5	3.8	0.0032	85.0	16,040	200/D	6,850.00	

TISI permitted to increase the maximum overall diameter by 5%

\* REMARK : SPECIAL PROTECTION CAN BE PRODUCED, SEE DETAILS AT PART D, PAGE 132

C : Packing in coil.

D : packing in drum.