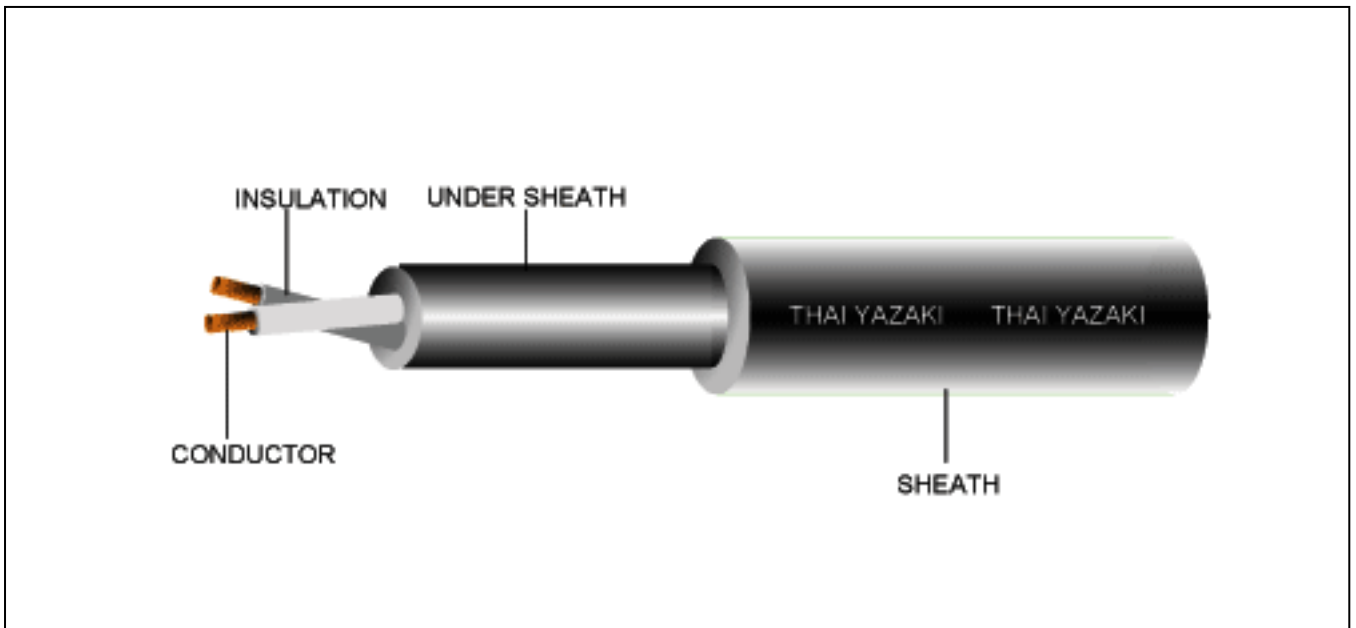


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# NYY-N, MEA TYPE C-N

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



## CABLE STRUCTURE

<b>NUMBER OF CORE CONDUCTOR</b>	: 3 phase core with 1 neutral core : Stranded annealed copper, Sizes : Phase conductor size. 6 mm <sup>2</sup> up to 300 mm <sup>2</sup> Neutral conductor size. 4 mm <sup>2</sup> up to 150 mm <sup>2</sup>
<b>INSULATION</b>	: PVC Color: 3 cores Black, Red Blue 1 Neutral core – Light gray
<b>SHEATH AND UNDER SHEATH CLASSIFICATION</b>	: PVC Color: Black
<b>TESTING VOLTAGE</b>	: Maximum <b>conductor</b> temperature 70 °C Circuit voltage not exceeding 750 volts
<b>REFERENCE</b>	: 2,500 volts : TIS 11- 2531, Table 8

# NYY-N, MEA TYPE C-N

**TIS 11-2531  
TABLE 8**

Nominal cross sectional area (mm. <sup>2</sup> )		Number and diameter of wire (No. / mm.)		Insulation thickness (mm.)		Under sheath 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)
Phase	Neutral	Phase	Neutral	Phase	Neutral					Free air	Under ground		
3X6	1X4	7/1.04	7/0.85	0.9	0.9	0.8	1.8	19.0	0.0073	37	51	500	500/D
3X10	1X6	7/1.35	7/1.04	1.1	0.9	0.8	2.0	23.0	0.0069	51	68	750	500/D
3X16	1X10	7/1.70	7/1.35	1.1	1.1	1.2	2.0	26.5	0.0057	68	88	1,100	500/D
3X25	1X16	7/2.14	7/1.70	1.3	1.1	1.2	2.0	31.0	0.0054	90	114	1,600	500/D
3X35	1X16	19/1.53	7/1.70	1.3	1.1	1.5	2.2	35.0	0.0047	109	137	2,000	500/D
3X50	1X25	19/1.78	7/2.14	1.5	1.3	1.5	2.2	39.5	0.0046	133	163	2,600	500/D
3X70	1X35	19/2.14	19/1.53	1.5	1.3	1.5	2.4	44.5	0.0039	166	201	3,500	500/D
3X95	1X50	19/2.52	19/1.78	1.7	1.5	1.8	2.6	51.5	0.0038	205	240	4,800	500/D
3X120	1X70	37/2.03	19/2.14	1.7	1.5	1.8	2.8	56.0	0.0034	240	275	6,000	500/D
3X150	1X70	37/2.25	19/2.14	1.9	1.5	2.0	3.0	62.0	0.0034	272	306	7,000	300/D
3X185	1X95	37/2.52	19/2.52	2.1	1.7	2.0	3.2	68.0	0.0034	316	347	9,000	300/D
3X240	1X120	61/2.25	37/2.03	2.3	1.7	2.2	3.4	76.5	0.0033	375	402	11,500	200/D
3X300	1X150	61/2.52	37/2.25	2.5	1.9	2.2	3.8	84.5	0.0032	430	453	14,000	200/D

TISI PERMITTED TO INCREASE THE MAXIMUM OVERALL DIAMETER BY 5 %

\* REMARK : SPECIAL PROTECTION CAN BE PRODUCED

D: Packing in drum.