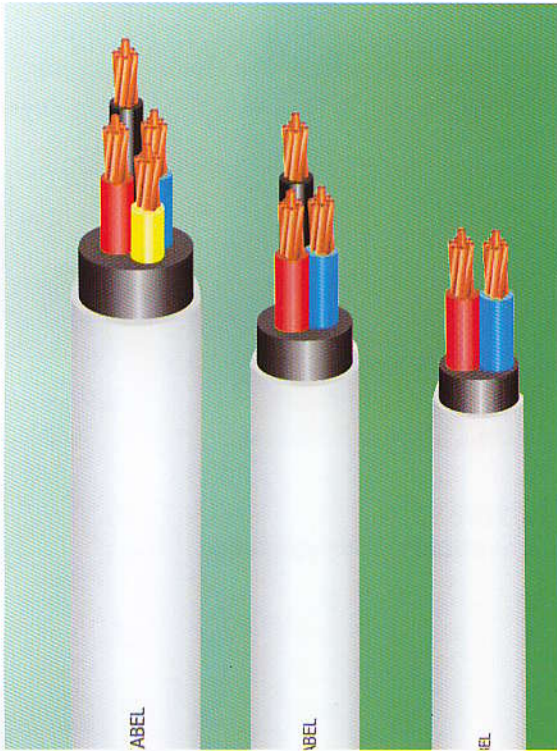


**NON-METALLIC INDOOR CABLE  
(PVC INSULATED & SHEATHED)  
NYM - 0 (I) 300/500 VOLT**



**Feature**

These low voltage cables are applied for common indoor installation but not underground

**CONSTRUCTION**

**Conductor**

Solid or Stranded annealed copper conductor.

**Insulation**

Extruded colored PVC, capable for the operating continuously maximum temperature of the cable.

**Inner Sheath**

Extruded Black PVC Filler.

**Outer Sheath**

Extruded white PVC suitable for the operating temperature of the cable.

**Identification of cores**

Complying with system O/I (Other colors on request)

**Specification** : SPLN 42-2:1992 ; SNI 04-2699-1999  
(Other specifications are available upon request)

**Specification** : Factory Specification  
(Other specifications are available upon request)

**PHYSICAL AND ELECTRICAL PROPERTIES**

No. of core	Nom. cross section	No. of wire	Diameter maximum	Insulation thickness	Sheath thickness	Approx. cable diameter	Approx. cable weight	Resistance at 20°C		Current carrying capacity in air		Reac-tance per-conductor	Short circuit current at 1 sec.	AC voltage test	Standard length
								Conductor	Insulation	30°C	30°C				
	mm <sup>2</sup>		mm	mm	mm	mm	kg/km	ohm/km	M.ohm.km	A	A	ohm/km	kA	kV/5 min	m
2	1.5	1	0.7	0.4	1.2	8.8	107	12.10	50	19	16	-	0.17	2	100
	2.5	1	0.8	0.4	1.2	10.0	147	7.28	50	25	22	-	0.29	2	100
	4	1	0.8	0.4	1.2	10.9	192	4.56	50	34	30	-	0.46	2	100
	6	1	0.8	0.4	1.2	11.9	247	3.03	50	44	39	-	0.70	2	100
	10	7	1.0	0.6	1.4	16.1	438	1.81	50	61	53	-	1.16	2	100
	16	7	1.0	0.6	1.4	18.3	613	1.15	40	82	71	-	1.86	2	500
	25	7	1.2	0.8	1.4	22.0	913	0.727	40	108	94	-	2.91	2	500
35	7	1.2	1.0	1.6	25.1	1.228	0.524	40	134	117	-	4.07	2	500	
3	1.5	1	0.7	0.4	1.2	9.2	127	12.10	50	19	16	0.108	0.17	2	100
	2.5	1	0.8	0.4	1.2	10.5	177	7.28	50	25	22	0.104	0.29	2	100
	4	1	0.8	0.4	1.2	11.5	236	4.56	50	34	30	0.100	0.46	2	100
	6	1	0.8	0.4	1.4	13.0	321	3.03	50	44	39	0.094	0.70	2	100
	10	7	1.0	0.6	1.4	17.0	547	1.81	50	61	53	0.088	1.16	2	100
	16	7	1.0	0.8	1.4	19.8	796	1.15	40	82	71	0.083	1.86	2	500
	25	7	1.2	0.8	1.6	23.7	1.188	0.727	40	108	94	0.080	2.91	2	500
35	7	1.2	1.0	1.6	26.7	1.577	0.524	40	134	117	0.077	4.07	2	500	



**NON-METALLIC INDOOR CABLE  
(PVC INSULATED & SHEATHED)  
NYM - 0 (I) 300/500 VOLT**



**PHYSICAL AND ELECTRICAL PROPERTIES**

No. of core	Nom. cross section	No. of wire	Insulation thickness	Approx. inner sheath thickness	Sheath thickness	Approx. cable diameter	Approx. cable weight	Resistance at 20° C		Current carrying capacity in air		Reac-tance per-conductor	Short circuit current at 1 sec.	AC voltage test	Standard length
								Conductor	Insulation	30° C	30° C				
	mm <sup>2</sup>		mm	mm	mm	mm	kg/km	ohm/km	Mohm.km	A	A	ohm/km	kA	kV/5 min	m
4	1.5	1	0.7	0.4	1.2	9.9	151	12.10	50	19	16	0.115	0.17	2	100
	2.5	1	0.8	0.4	1.2	11.4	214	7.28	50	25	22	0.110	0.29	2	100
	4	1	0.8	0.4	1.4	12.9	301	4.56	50	34	30	0.107	0.46	2	100
	6	1	0.8	0.6	1.4	14.5	408	3.03	50	44	39	0.100	0.70	2	100
	10	7	1.0	0.6	1.4	18.6	676	1.81	50	61	53	0.094	1.16	2	500
	16	7	1.0	0.8	1.4	21.6	989	1.15	40	82	71	0.090	1.86	2	500
	25	7	1.2	1.0	1.6	26.4	1,506	0.727	40	108	94	0.086	2.91	2	500
	35	7	1.2	1.0	1.6	29.2	1,976	0.524	40	134	117	0.083	4.07	2	500
5	1.5	1	0.7	0.4	1.2	10.7	177	12.10	50	19	16	0.115	0.17	2	100
	2.5	1	0.8	0.4	1.2	12.3	252	7.28	50	25	22	0.110	0.29	2	100
	4	1	0.8	0.6	1.4	14.4	369	4.56	50	34	30	0.107	0.46	2	100
	6	1	0.8	0.6	1.4	15.8	485	3.03	50	44	39	0.100	0.70	2	100
	10	7	1.0	0.6	1.4	20.3	808	1.81	50	61	53	0.094	1.16	2	500
	16	7	1.0	0.8	1.6	24.1	1,209	1.15	40	82	71	0.090	1.86	2	500
	25	7	1.2	1.0	1.6	28.9	1,810	0.727	40	108	94	0.086	2.91	2	500
	35	7	1.2	1.2	1.6	32.5	2,413	0.524	40	134	117	0.083	4.07	2	500