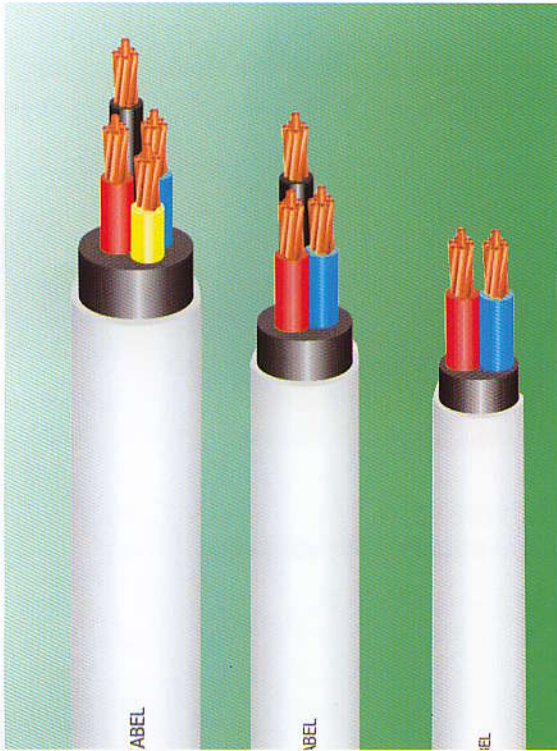


**NON-METALLIC INDOOR CABLE
(PVC INSULATED & SHEATHED)
NYM - 0 (I) 300/500 VOLT**



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 ²		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				
								ohm/km	Mohm.km	A	A				
	mm ²		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