

THERMOPLASTIC INDOOR CABLE  
(PVC INSULATED)  
NYA - 450/750 VOLT



**Feature**

These low voltage cables are applied for drying rooms, fixed installation in pipe and distribution panel connector.

**CONSTRUCTION**

**Conductor**

Solid or stranded annealed copper conductor.

**Insulation**

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

**Color** : Green/Yellow, Blue, Red, Black and Yellow.

**Specification** :

SPLN 42-1 : 1991 & SNI 04-2698-1992

(Other specifications are available upon request)

**PHYSICAL AND ELECTRICAL PROPERTIES**

Nom. cross section	Conductor		Insulation thickness	Approx. overall diameter	Approx. cable weight	Resistance at 20°C		Current carrying capacity in air		Reactance per conductor		Short circuit current at 1 sec	AC voltage test	Standard length
	Construction	No. of wire				Conductor	Insulation	In pipe 30°C	In air 40°C	⊙-⊙	⊙-⊙-⊙			
mm <sup>2</sup>			mm	mm	kg/km	ohm/km	M.ohm.km	A	A	ohm/km	kA	kV/5 min	m	
0.5	re	1	0.6	2.4	8.2	35.3	51	2.5	-	-	-	0.06	2.5	100
0.75	re	1	0.6	2.6	11	24.0	51	7.0	-	-	-	0.09	2.5	100
1	re	1	0.6	2.8	14	17.7	51	11.0	19	-	-	0.12	2.5	100
1.5	re	1	0.7	3.3	20	11.9	51	15.0	24	-	-	0.17	2.5	100
2.5	re	1	0.8	3.9	32	7.14	48	19.0	32	-	-	0.29	2.5	100
4	re	1	0.8	4.4	47	4.47	44	25.0	43	-	-	0.46	2.5	100
6	re	1	0.8	4.9	68	2.97	37	33.0	54	-	-	0.70	2.5	100
10	rm	7	1.0	6.4	117	1.79	36	45.0	73	-	-	1.16	2.5	100
16	rm	7	1.0	8.0	178	1.13	26	61.0	98	0.088	0.24	1.86	2.5	500
25	rm	7	1.2	9.8	280	0.712	26	83.0	129	0.085	0.23	2.91	2.5	500
35	rm	7	1.2	11.0	377	0.514	22	103.0	158	0.082	0.22	4.07	2.5	500
50	rm	19	1.4	13.0	515	0.379	22	132.0	197	0.082	0.21	5.81	2.5	500
70	rm	19	1.4	15.0	720	0.262	19	165.0	245	0.082	0.20	8.14	2.5	500
95	rm	19	1.6	17.0	980	0.189	18	207.0	290	0.082	0.19	11.05	2.5	500
120	rm	37	1.6	19.0	1,220	0.150	16	235.0	345	0.082	0.19	13.95	2.5	500
150	rm	37	1.8	21.0	1,505	0.122	16	-	390	0.078	0.18	17.44	2.5	500
185	rm	37	2.0	23.5	1,878	0.0972	16	-	445	0.078	0.18	21.51	2.5	500
240	rm	61	2.2	26.5	2,550	0.0740	16	-	525	0.078	0.17	27.91	2.5	500
300	rm	61	2.4	29.5	3,070	0.0590	15	-	605	0.075	0.17	34.88	2.5	500
400	rm	61	2.6	33.5	3,910	0.0461	14	-	725	0.075	0.16	46.51	2.5	500