

**MEDIUM HEAVY THERMOPLASTIC FLEXIBLE CABLE  
(PVC INSULATED AND SHEATHED)  
NYMHY - 0 (I) 300/500 VOLT**



**Feature**

These low voltage flexible cables are applied for light mobile appliances with medium mechanical stresses and heating appliances in dry rooms, kitchens and household appliances in humid rooms.

**CONSTRUCTION**

**Conductor**

Stranded annealed copper conductor with cross section 0.75 mm<sup>2</sup> up to 2.50 mm<sup>2</sup>.

**Insulation**

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

**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 42-6-2 : 1991 & SNI 04-3234-1992

**(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	Overall diameter		Approx. cable weight	Resistance at 20°C		Current carrying capacity in air		Short circuit current at 1 sec.	AC voltage test	Standard length
						min.	max.		Conductor	Insulation	30°C	30°C			
mm <sup>2</sup>	mm	mm	mm	mm	mm	mm	mm	kg/km	ohm/km	M.ohm.km	A	A	kA	kV/5 min	m
2	0.75	22	0.21	0.6	0.8	6.0	7.6	56	26.00	58	6	5.5	0.09	2	50/100
	1	29	0.21	0.6	0.8	6.4	8.0	66	19.50	53	10	9.2	0.12	2	50/100
	1.5	29	0.26	0.7	0.8	7.4	9.0	90	13.30	50	15	13.8	0.17	2	50/100
	2.5	48	0.26	0.8	1.0	8.9	11.0	140	7.98	46	20	18.4	0.29	2	50/100
3	0.75	22	0.21	0.6	0.8	6.4	8.0	73	26.00	58	6	5.5	0.09	2	50/100
	1	29	0.21	0.6	0.8	6.8	8.4	89	19.50	53	10	9.2	0.12	2	50/100
	1.5	29	0.26	0.7	0.9	8.0	9.8	115	13.30	50	15	13.8	0.17	2	50/100
	2.5	48	0.26	0.8	1.1	9.6	12.0	168	7.98	46	20	18.4	0.29	2	50/100
4	0.75	22	0.21	0.6	0.8	6.8	8.6	85	26.00	58	6	5.5	0.09	2	50/100
	1	29	0.21	0.6	0.8	7.6	9.4	115	19.50	53	10	9.2	0.12	2	50/100
	1.5	29	0.26	0.7	1.0	9.0	11.0	155	13.30	50	15	13.8	0.17	2	50/100
	2.5	48	0.26	0.8	1.1	10.5	13.0	210	7.98	46	20	18.4	0.29	2	50/100
5	0.75	22	0.21	0.6	0.9	7.4	9.5	115	26.00	58	6	5.5	0.09	2	50/100
	1	29	0.21	0.6	0.9	8.3	10.0	130	19.50	53	10	9.2	0.12	2	50/100
	1.5	29	0.26	0.7	1.1	10.0	12.0	175	13.30	50	15	13.8	0.17	2	50/100
	2.5	48	0.26	0.8	1.2	11.5	14.0	255	7.98	46	20	18.4	0.29	2	50/100