

**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 mm² up to 2.50 mm².

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 ² | 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 |