



NYM-O 5x10 **DIN VDE 0250-204**

Power cables with copper conductors, PVC compound insulation, outer PVC compound sheath

Cable technical specifications conform DIN VDE 0250 p.204

Cables are used for:

- *electric wiring and cable lines installation in industrial, residential and public buildings and facilities*
- *laying over the plaster, inside and under plaster, in brick masonry and concrete, in pipes and ducts*
- *outdoor installation, if protected from sun rays*

Manufacturing of cables with light-stabilized outer sheath is possible

Fire safety code in accordance with ДСТУ 4809:2007: ПБ100000000

Products of this mark meet the requirements:

- *single wire cable flame retardance*

TECHNICAL SPECIFICATIONS

| | | |
|--|-----------------|-----------------|
| Rated voltage | kV | 0.66 |
| Number and rated area of conductors | mm ² | 5 x 10 |
| Insulation thickness | mm | 1 |
| Permissible continuous current rating * | | |
| • <i>by aerial laying (AC of industrial frequency) *</i> | A | 58 |
| Operating temperature range | °C | -50 ... +50 |
| Minimum bending radius by laying | mm | 76 |
| Rated outer diameter of the cable (for reference) ** | mm | 19 |
| Cable weight (approximate) | kg/km | 830 |
| Rated factory cable length and gross weight of the delivery on the drums | m, t | # 12: 910 • 0.9 |

Notes:

When ordering it is necessary to agree the factory length of the product with the manufacturer

** Long permissible current loads are calculated for the air temperature plus 25 °C*

*** The external diameter may differ from the rated up to ± 10 %*



NYM-O 5x10 **DIN VDE 0250-204**

Power cables with copper conductors, PVC compound insulation, outer PVC compound sheath

CONSTRUCTION

1. *Copper conductor*
2. *PVC compound insulation*
3. *Extruded uncured stock inner sheath*
4. *PVC compound outer sheath*

Note: Manufacturing of cables with light-stabilized outer sheath is possible

Note: Conductor twisting is not illustrated

