



## **NYM-O 2x6**

### **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: ПБ1000000000

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 <sup>2</sup> | 2 x 6            |
| Insulation thickness   | mm              | 0.8              |
| Permissible continious current rating *                                      |                 |                  |
| • <i>by aerial laying (AC of industrial frequency) *</i>                     | A               | 46               |
| Operating temperature range  | °C              | -50 ... +50      |
| Minimum bending radius by laying   | mm              | 48               |
| Rated outer diameter of the cable (for reference) **                         | mm              | 12               |
| Cable weight (approximate)   | kg/km           | 290              |
| Rated factory cable length and gross weight of the delivery on the drums *** | m, t            | # 10: 1650 • 0.6 |

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 %*



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### **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*

