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# NYM-O 5x35 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                         | mm²   | 5 x 35           |
| Insulation thikness   | mm    | 1.2              |
| Permissible continious current rating *                     |       |                  |
| by aerial laying (AC of industrial frequency) *             | Α     | 127              |
| Operating temperature range                                 | °C    | -50 +50          |
| Minimum bending radius by laying                            | mm    | 132              |
| Rated outer diameter of the cable (for reference) **        | mm    | 33               |
| Cable weight (approximate)                                  | kg/km | 2620             |
| Rated factory cable length and gross weight of the delivery | m, t  | # 14: 540 • 1.6  |
| on the drums ***  |       | # 16a: 870 • 2.5 |

### Notes:

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

<sup>\*</sup> Long permissible current loads are calculated for the air temperature plus 25 °C

<sup>\*\*</sup> The external diameter may differ from the rated up to  $\pm$  10 %



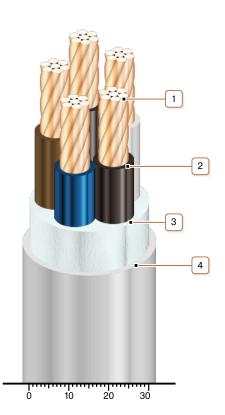




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### **CONSTRUCTION**

- 1. Copper multiwire 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