



## **NYM-O 5x16**

### **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>	5 x 16
Insulation thickness	mm	1
Permissible continious current rating *		
• <i>by aerial laying (AC of industrial frequency) *</i>	A	78
Operating temperature range	°C	-50 ... +50
Minimum bending radius by laying	mm	96
Rated outer diameter of the cable (for reference) **	mm	24
Cable weight (approximate)	kg/km	1320
Rated factory cable length and gross weight of the delivery on the drums ***	m, t	# 14: 1090 • 1.6

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 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*

