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# NYY-O 2x10 RE-0.6/1 DIN VDE 0276-603

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

Cables are used for laying:

- single laying
- · in premises, dry ducts and tunnels, in corrosive environment

Fire safety code in accordance with ДСТУ 4809:2007: ПБ10000000 Products of this mark meet the requirements:

• single wire cable flame retardance

### **TECHNICAL SPECIFICATIONS**

Rated voltage	kV	1
Number and rated area of conductors	mm²	2 x 10
Phase insulation thikness	mm	1
Permissible continious current rating (AC of industrial frequency) '	*	
• by aerial laying	А	63
• by burial	А	79
Maximum permissible conductor temperature		
Continious	°C	+70
in emergency operation	°C	+90
at short circuit	°C	+160
Operating temperature range	°C	-50 +50
Minimum bending radius by laying	mm	116.25
Rated outer diameter of the cable (for reference) **	mm	15.5
Cable weight (approximate)	kg/km	461
Rated factory cable length and gross weight of the delivery	m, t	# 12: 1450 · 0.8
on the drums ***		
NI-4		

Notes:

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

\* Long permissible current loads are calculated for the following conditions: air temperature plus 25 °C, soil temperature plus 15 °C,

thermal resistivity of soil 1.2 °K·m/W, laying depth in the soil 0.7 m

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



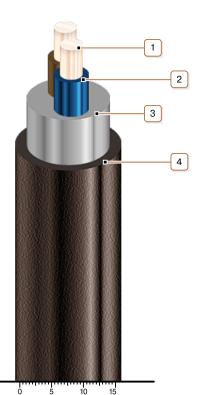


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## CONSTRUCTION

- 1. Copper conductor
- 2. PVC compound insulation
- 3. PVC compound inner sheath
- 4. PVC compound outer sheath

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