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# NAYY-O 3x4 RE-0.6/1 DIN VDE 0276-603

Power cables with aluminium 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: ПБ100000000

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	3 x 4
Phase insulation thikness	mm	1
Permissible continious current rating (AC of industrial frequen	cy) *	
by aerial laying	Α	29
• by burial	Α	37
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	390
Rated factory cable length and gross weight of the delivery on the drums ***	m, t	# 12: 1450 • 0.7

### 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 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

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



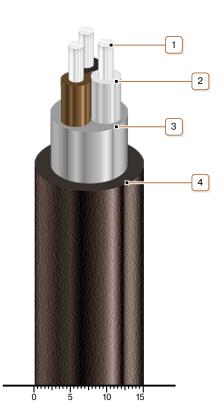




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## **CONSTRUCTION**

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