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# NYY-J 4x4 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: 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	4 x 4
Phase insulation thikness	mm	1
Permissible continious current rating (AC of industrial frequency) *		
• by aerial laying	Α	33
• by burial	Α	43
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	110.25
Rated outer diameter of the cable (for reference) **	mm	14.7
Cable weight (approximate)	kg/km	383
Rated factory cable length and gross weight of the delivery	m, t	# 10: 1210 • 0.5
on the drums ***		# 12: 1670 • 0.8

### 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 during operation in four-wire networks with load in all the conductors 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 %



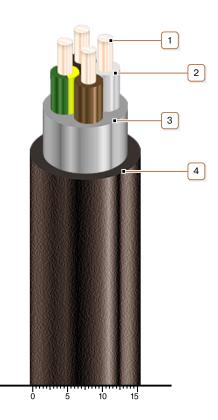




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## **CONSTRUCTION**

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