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N2XY-J 4x2.5 RE-0.6/1 DIN VDE 0276-603

Power cables with copper conductors, XLPE-insulated, 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	4 x 2.5
Phase insulation thikness	mm	1
Permissible continious current rating (AC of industrial frequenc	y) *	
• by aerial laying	А	31
• by burial	А	37
Maximum permissible conductor temperature		
Continious	°C	+90
in emergency operation	°C	+130
at short circuit	°C	+250
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	330
Rated factory cable length and gross weight of the delivery	m, t	# 12: 1450 · 0.6
on the drums ***		
Notes:		

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

* 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 \cdot m/W, laying depth in the soil 0.7 m ** The external diameter may differ from the rated up to ± 10 %





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CONSTRUCTION

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

