





7, Autogennaya Str., Kharkov, 61099, Ukraine. Phone: (+38-057) 728-1244, 728-1241. Fax: (+38-057) 728-1243, (+38-0572) 946-830 E-mail: market@yuzhcable.com.ua

## N2XY-J 5x2.5 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: ΠБ100000000

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	5 x 2.5
Phase insulation thikness	mm	1
Permissible continious current rating (AC of industrial frequency	cy) *	
by aerial laying	Α	31
• by burial	Α	37
Maximum permissible conductor temperature		
Continious	°C	+90
<ul> <li>in emergency operation</li> </ul>	°C	+130
• at short circuit	°C	+250
Operating temperature range	°C	-50 +50
Minimum bending radius by laying	mm	124.5
Rated outer diameter of the cable (for reference) **	mm	16.6
Cable weight (approximate)	kg/km	380
Rated factory cable length and gross weight of the delivery	m, t	# 12: 1280 • 0.6
on the drums ***		

#### 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 %



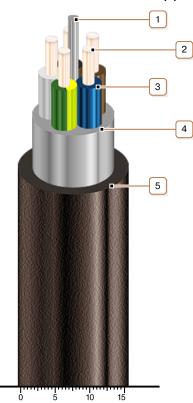




7, Autogennaya Str., Kharkov, 61099, Ukraine. Phone: (+38-057) 728-1244, 728-1241. Fax: (+38-057) 728-1243, (+38-0572) 946-830 E-mail: market@yuzhcable.com.ua

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

Power cables with copper conductors, XLPE-insulated, with PVC-compound outer sheath



### **CONSTRUCTION**

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