,-mail: market@yuzhcable.com.ua

## N2XY-J 4x6 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: 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 | $\mathrm{mm}^{2}$ | $4 \times 6$ |
| Phase insulation thikness | mm | 1 |
| Permissible continious current rating (AC of industrial frequency) ${ }^{*}$ |  |  |
| $\cdot$ by aerial laying | A | 52 |
| $\cdot$ by burial | A | 59 |
| Maximum permissible conductor temperature |  |  |
| $\cdot$ Continious | ${ }^{\circ} \mathrm{C}$ | +90 |
| $\cdot$ in emergency operation | ${ }^{\circ} \mathrm{C}$ | +130 |
| $\cdot$ at short circuit | ${ }^{\circ} \mathrm{C}$ | +250 |
| Operating temperature range | ${ }^{\circ} \mathrm{C}$ | $-50 \ldots+50$ |
| Minimum bending radius by laying | mm | 134.25 |
| Rated outer diameter of the cable (for reference) ${ }^{* *}$ | mm | 17.9 |
| Cable weight (approximate) | $\mathrm{kg} / \mathrm{km}$ | 520 |
| Rated factory cable length and gross weight of the delivery | $\mathrm{m}, \mathrm{t}$ | $\# 12: 1130 \cdot 0.7$ |
| on the drums |  |  |

[^0]PRODUCTION GUIDE

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## CONSTRUCTION

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

[^0]:    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 $25^{\circ} \mathrm{C}$, soil temperature plus $15^{\circ} \mathrm{C}$, thermal resistivity of soil $1.2{ }^{\circ} \mathrm{K} \cdot \mathrm{m} / \mathrm{W}$, laying depth in the soil 0.7 m
    ** The external diameter may differ from the rated up to $\pm 10 \%$

