





## ЦСП2лШнг 3х35(ож)-10 ТУ У 27.3-00214534-091:2017



Power cables with copper conductors, with non-draining impregnated paper insulation, lead-sheathed, steel-wire armoured, with low-flammable PVC-compound protection hose

Cables are used for laying:

- · without level difference limitation
- in soil (trenches) with high corrosiveness, as well as with vagabond currents
- in soil (trenches) with high corrosiveness without vagabond currents
- · in mines, non-hazardous as for gas and dust
- · with a risk of mechanical damage and tensile forces in operation
- · in bunches

Fire safety code in accordance with ДСТУ 4809:2007: ПБ120000000

Products of this mark meet the requirements:

- · single wire cable flame retardance
- · bunched cable flame retardance category A

## **TECHNICAL SPECIFICATIONS**

| Rated voltage   | kV    | 10               |
|---|-------|------------------|
| Number and rated area of conductors                         | mm²   | 3 x 35           |
| Insulation thikness between conductors                      | mm    | 5.5              |
| Insulation thikness of conductor-sheath                     | mm    | 4                |
| Sheath thikness   | mm    | 1.32             |
| Permissible continious current rating *                     |       |                  |
| by aerial laying  | Α     | 142              |
| • by burial   | Α     | 144              |
| Operating temperature range                                 | °C    | -50 +50          |
| Minimum bending radius by laying                            | mm    | 675              |
| Metal shaeth outer diameter (for reference only)            | mm    | 28               |
| Rated outer diameter of the cable (for reference) **        | mm    | 45               |
| Cable weight (approximate)                                  | kg/km | 5120             |
| Rated factory cable length and gross weight of the delivery | m, t  | # 16a: 480 · 2.7 |
| on the drums ***  |       | # 18: 550 • 3.3  |
|   |       |                  |

#### 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 %



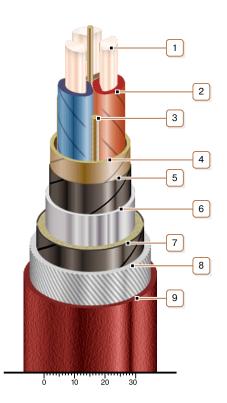




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## **CONSTRUCTION**

- 1. Copper conductor
- 2. Impregnated paper insulation
- 3. Cable paper bundle
- 4. Belt insulation
- 5. Conducting paper screen
- 6. Lead sheath
- 7. Double-layer plastic-tape bedding
- 8. Round galvanized steel-wire armour
- 9. Pressed off low-flammable PVC compound protection hose

Note: Conductor twisting is not illustrated