



## СБ2лШв 3x150-10 ТУ У 27.3-00214534-091:2017

Power cables with copper conductors, with impregnated paper insulation, lead-sheathed, steel-tape armoured, with PVC-compound protection hose

Cables are used for laying:

- in soil (trenches) with high corrosiveness, as well as with vagabond currents
- in dry premises (tunnels), ducts, cable cellars, mines, collectors, industrial and other premises, including damp, partially flooded premises, environment with medium and high corrosiveness
- with a risk of mechanical damage and no tensile forces in operation

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              | 10              |
| Number and rated area of conductors  | mm <sup>2</sup> | 3 x 150         |
| Insulation thickness between conductors                                      | mm              | 5.5             |
| Insulation thickness of conductor-sheath                                     | mm              | 4               |
| Sheath thickness   | mm              | 1.62            |
| Permissible continuous current rating *                                      |                 |                 |
| • by aerial laying   | A               | 349             |
| • by burial  | A               | 318             |
| Operating temperature range  | °C              | -50 ... +50     |
| Minimum bending radius by laying   | mm              | 855             |
| Level difference along the laying route, not more than                       | m               | 15              |
| Metal sheath outer diameter (for reference only)                             | mm              | 44              |
| Rated outer diameter of the cable (for reference) **                         | mm              | 57              |
| Cable weight (approximate)   | kg/km           | 9530            |
| Rated factory cable length and gross weight of the delivery on the drums *** | m, t            | # 18: 340 • 3.7 |

Notes:

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

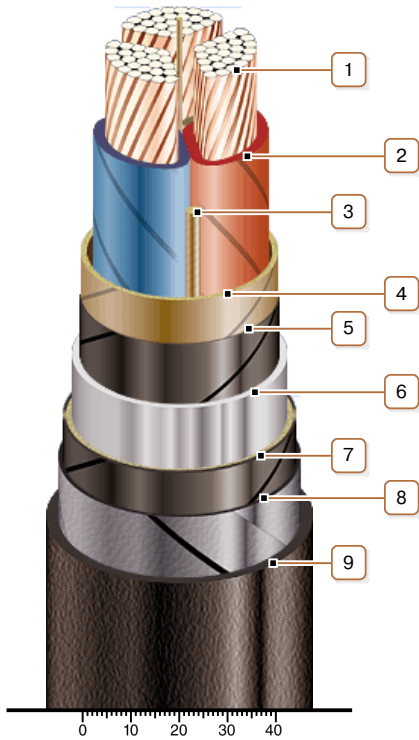
\* Long permissible current loads are calculated for the following conditions: air temperature plus 25 °C, soil temperature plus 15 °C, thermal resistivity of soil 1.2 °K·m/W, laying depth in the soil 0.7 m

\*\* The external diameter may differ from the rated up to ± 10 %



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### **CONSTRUCTION**

1. *Copper multiwire compact 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. *Double steel-tape armour*
9. *Pressed PVC compound protection hose*

*Note: Conductor twisting is not illustrated*