

**АСБлГ 1х240-1**  
**ТУ У 27.3-00214534-091:2017**

Power cables with aluminium conductors, with impregnated paper insulation, lead-sheathed, steel-tape armoured

Cables are used for laying:

- *in dry premises (tunnels), ducts, cable cellars, mines, collectors, industrial and other premises, including damp, partially flooded premises, environment with medium and high corrosiveness*
- *in fire-risk premises*
- *on technological trestles*
- *on special cable bridges*
- *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**

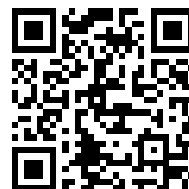
|  |                 |                 |
|--|-----------------|-----------------|
| Rated voltage  | kV              | 1               |
| Number and rated area of conductors  | mm <sup>2</sup> | 1 x 240         |
| Insulation thickness of conductor-sheath                                     | mm              | 1.7             |
| Sheath thickness   | mm              | 1.21            |
| Permissible continuous direct current rating *                               |                 |                 |
| • <i>by aerial laying</i>  | A               | 604             |
| • <i>by burial</i>   | A               | 496             |
| Operating temperature range  | °C              | -50 ... +50     |
| Minimum bending radius by laying   | mm              | 750             |
| Level difference along the laying rout, not more than                        | m               | 25              |
| Metal sheath outer diameter (for reference only)                             | mm              | 24              |
| Rated outer diameter of the cable (for reference) **                         | mm              | 30              |
| Cable weight (approximate)   | kg/km           | 2330            |
| Rated factory cable length and gross weight of the delivery on the drums *** | m, t            | # 16: 420 • 1.2 |

Notes:

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

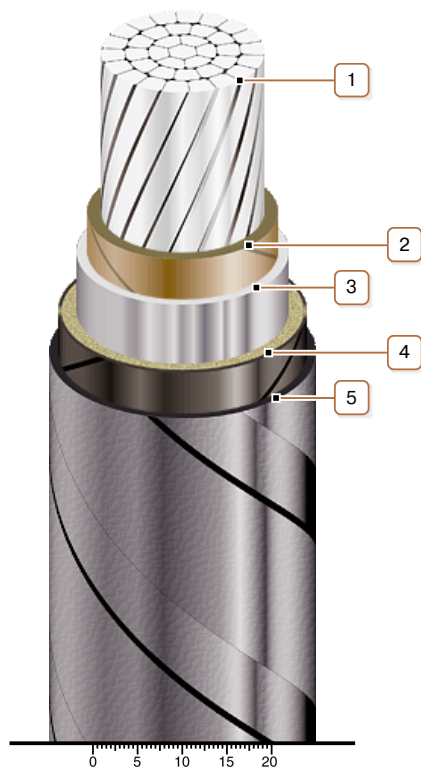
\* Long permissible current loads are calculated for the following conditions: air temperature plus 25 °C, soil temperature plus 15 °C, thermal resistivity of soil 1.2 °K·m/W, laying depth in the soil 0.7 m

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



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### CONSTRUCTION

1. *Aluminium multiwire compacted conductor*
2. *Impregnated paper insulation*
3. *Lead sheath*
4. *Single-layer plastic-tape bedding*
5. *Double galvanized steel-tape armour*