**АСБ2л 1х120-1**  
**ГОСТ 18410-73, ТУ 16.К71-269-97**

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

Cables are used for laying:

- *in soil (trenches) with high corrosiveness, as well as with vagabond currents*
- *with a risk of mechanical damage and no tensile forces in operation*

**TECHNICAL SPECIFICATIONS**

|  |                 |                 |
|--|-----------------|-----------------|
| Rated voltage  | kV              | 1               |
| Number and rated area of conductors  | mm <sup>2</sup> | 1 x 120         |
| Insulation thickness of conductor-sheath                                     | mm              | 1.4             |
| Sheath thickness   | mm              | 1.11            |
| Permissible continious direct current rating *                               |                 |                 |
| • <i>by aerial laying</i>  | A               | 387             |
| • <i>by burial</i>   | A               | 333             |
| Operating temperature range  | °C              | -50 ... +50     |
| Minimum bending radius by laying   | mm              | 725             |
| Level difference along the laying rout, not more than                        | m               | 25              |
| Metal shaeth outer diameter (for reference only)                             | mm              | 18              |
| Rated outer diameter of the cable (for reference) **                         | mm              | 29              |
| Cable weight (approximate)   | kg/km           | 2000            |
| Rated factory cable length and gross weight of the delivery on the drums *** | m, t            | # 16: 420 • 1.1 |

Notes:

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

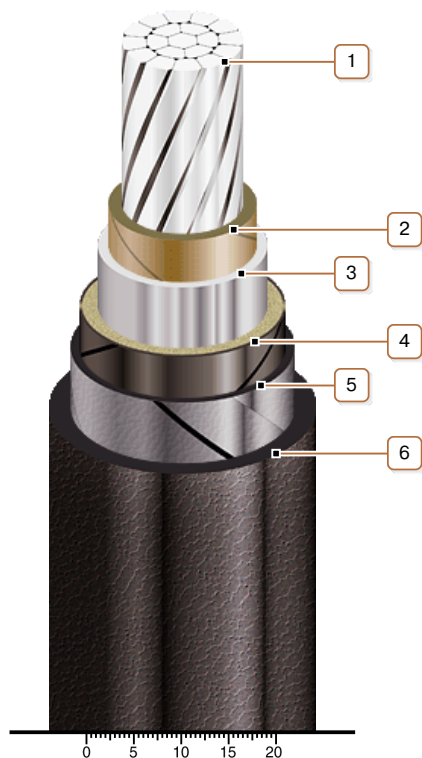
*\* Long permissible current loads are calculated for the following conditions: air temperature plus 25 °C, soil temperature plus 15 °C, thermal resistivity of soil 1.2 °K·m/W, laying depth in the soil 0.7 m*

*\*\* 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. Double-layer plastic-tape bedding
5. Double steel-tape armour
6. Outer covering