



**АСБ2л 1x300-3**  
**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              | 3           |
| Number and rated area of conductors                   | mm <sup>2</sup> | 1 x 300     |
| Insulation thickness of conductor-sheath              | mm              | 2.2         |
| Sheath thickness                                      | mm              | 1.26        |
| Permissible continuous direct current rating *        |                 |             |
| • by aerial laying                                    | A               | 695         |
| • by burial   | A               | 562         |
| Operating temperature range                           | °C              | -50 ... +50 |
| Minimum bending radius by laying                      | mm              | 950         |
| Level difference along the laying rout, not more than | m               | 25          |
| Metal sheath outer diameter (for reference only)      | mm              | 28          |
| Rated outer diameter of the cable (for reference) **  | mm              | 38          |
| Cable weight (approximate)                            | kg/km           | 3500        |

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 %

**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

