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## АСБГ 3х35(ож)-6 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 corrosivenes

- 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: ΠБ100000000 Products of this mark meet the requirements:

• single wire cable flame retardance

### **TECHNICAL SPECIFICATIONS**

| Rated voltage   | kV    | 6               |
|---|-------|-----------------|
| Number and rated area of conductors                         | mm²   | 3 x 35          |
| Insulation thikness between conductors                      | mm    | 4               |
| Insulation thikness of conductor-sheath                     | mm    | 2.95            |
| Sheath thikness   | mm    | 1.21            |
| Permissible continious current rating *                     |       |                 |
| • by aerial laying  | А     | 117             |
| • by burial   | А     | 121             |
| Operating temperature range                                 | °C    | -50 +50         |
| Minimum bending radius by laying                            | mm    | 480             |
| Level difference along the laying rout, not more than       | m     | 15              |
| Metal shaeth outer diameter (for reference only)            | mm    | 24              |
| Rated outer diameter of the cable (for reference) **        | mm    | 32              |
| Cable weight (approximate)                                  | kg/km | 2400            |
| Rated factory cable length and gross weight of the delivery | m, t  | # 16: 370 · 1.2 |
| on the drums ***  |       |                 |

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  $\pm$  10 %

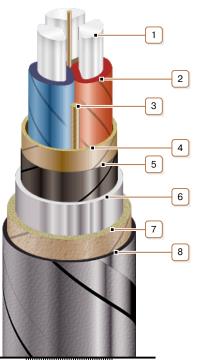




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#### 5 10 15 20

## CONSTRUCTION

- 1. Aluminium conductor
- 2. Impregnated paper insulation
- 3. Cable paper bundle
- 4. Belt insulation
- 5. Conducting paper screen
- 6. Lead sheath
- 7. Bedding
- 8. Double galvanized steel-tape armour

Note: Conductor twisting is not illustrated