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## АСБ 4x150-1 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 soil (trenches) with medium corrosiveness without vagabond currents
- in soil (trenches) with low corrosiveness, as well as with vagabond currents
- in mines, non-hazardous as for gas and dust
- with a risk of mechanical damage and no tensile forces in operation

## **TECHNICAL SPECIFICATIONS**

| Rated voltage   | kV    | 1               |
|---|-------|-----------------|
| Number and rated area of conductors                         | mm²   | 4 x 150         |
| Insulation thikness between conductors                      | mm    | 1.7             |
| Insulation thikness of conductor-sheath                     | mm    | 1.45            |
| Sheath thikness   | mm    | 1.52            |
| Permissible continious current rating *                     |       |                 |
| by aerial laying  | Α     | 279             |
| • by burial   | Α     | 261             |
| Operating temperature range                                 | °C    | -50 +50         |
| Minimum bending radius by laying                            | mm    | 765             |
| Level difference along the laying rout, not more than       | m     | 25              |
| Metal shaeth outer diameter (for reference only)            | mm    | 40              |
| Rated outer diameter of the cable (for reference) **        | mm    | 51              |
| Cable weight (approximate)                                  | kg/km | 6060            |
| Rated factory cable length and gross weight of the delivery | m, t  | # 18: 430 • 3.1 |
| on the drums ***  |       | # 20: 680 • 4.8 |

#### Notes:

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

<sup>\*</sup> Long permissible current loads are calculated during operation in four-wire networks with load in all the conductors 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

<sup>\*\*</sup> The external diameter may differ from the rated up to  $\pm$  10 %



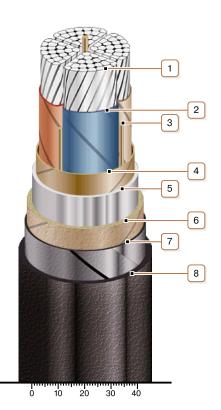




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### **CONSTRUCTION**

- 1. Aluminium multiwire compacted conductor
- 2. Impregnated paper insulation
- 3. Cable paper bundle
- 4. Belt insulation
- 5. Lead sheath
- 6. Bedding
- 7. Double steel-tape armour
- 8. Outer covering

Note: Conductor twisting is not illustrated