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АСПл 4х95(ож)-1 ТУ У 27.3-00214534-091:2017



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

Cables are used for laying:

• in soil (trenches) with medium corrosiveness, as well as with vagabond currents

• with a risk of mechanical damage and tensile forces in operation

TECHNICAL SPECIFICATIONS

| Rated voltage | kV | 1 |
|---|-------|------------------|
| Number and rated area of conductors | mm² | 4 x 95 |
| Insulation thikness between conductors | mm | 1.5 |
| Insulation thikness of conductor-sheath | mm | 1.25 |
| Sheath thikness | mm | 1.36 |
| Permissible continious current rating * | | |
| • by aerial laying | А | 203 |
| • by burial | А | 204 |
| Operating temperature range | °C | -50 +50 |
| Minimum bending radius by laying | mm | 705 |
| Level difference along the laying rout, not more than | m | 25 |
| Metal shaeth outer diameter (for reference only) | mm | 31 |
| Rated outer diameter of the cable (for reference) ** | mm | 47 |
| Cable weight (approximate) | kg/km | 5200 |
| Rated factory cable length and gross weight of the delivery | m, t | # 16a: 440 • 2.5 |
| on the drums *** | | # 18: 500 • 3.1 |
| Notes: | | |

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

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

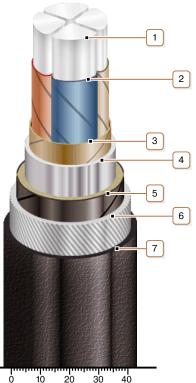




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CONSTRUCTION

- 1. Aluminium conductor
- 2. Impregnated paper insulation
- 3. Belt insulation
- 4. Lead sheath
- 5. Single-layer plastic-tape bedding
- 6. Round galvanized steel-wire armour
- 7. Outer covering

Note: Conductor twisting is not illustrated

10 20 30 40