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ААПл 3х95(ож)-6 ТУ У 27.3-00214534-091:2017

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

Cables are used for laying:

- in soil (trenches) with medium corrosiveness without vagabond currents
- · with a risk of mechanical damage and tensile forces in operation

TECHNICAL SPECIFICATIONS

| Rated voltage | kV | 6 |
|---|-------|------------------|
| Number and rated area of conductors | mm² | 3 x 95 |
| Insulation thikness between conductors | mm | 4 |
| Insulation thikness of conductor-sheath | mm | 2.95 |
| Sheath thikness | mm | 1.4 |
| Permissible continious current rating * | | |
| by aerial laying | Α | 214 |
| • by burial | Α | 213 |
| Operating temperature range | °C | -50 +50 |
| Minimum bending radius by laying | mm | 1225 |
| Level difference along the laying rout, not more than | m | 20 |
| Metal shaeth outer diameter (for reference only) | mm | 32 |
| Rated outer diameter of the cable (for reference) ** | mm | 49 |
| Cable weight (approximate) | kg/km | 4150 |
| Rated factory cable length and gross weight of the delivery | m, t | # 16a: 410 · 2.0 |
| on the drums *** | | # 18: 460 • 2.4 |
| | | |

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 %



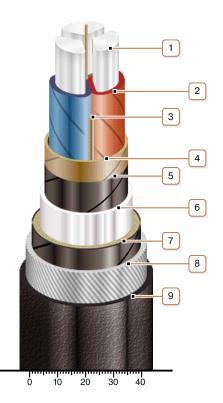




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CONSTRUCTION

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

Note: Conductor twisting is not illustrated