

**АСП2л 3х120-6**  
**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 high corrosiveness, as well as with vagabond currents*
- *with a risk of mechanical damage and tensile forces in operation*

**TECHNICAL SPECIFICATIONS**

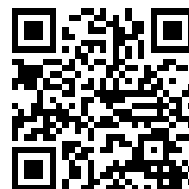
|  |                 |  |
|--|-----------------|--|
| Rated voltage  | kV              | 6  |
| Number and rated area of conductors  | mm <sup>2</sup> | 3 x 120  |
| Insulation thickness between conductors                                      | mm              | 4  |
| Insulation thickness of conductor-sheath                                     | mm              | 2.95   |
| Sheath thickness   | mm              | 1.46   |
| Permissible continuous current rating *                                      |                 |  |
| • <i>by aerial laying</i>  | A               | 248  |
| • <i>by burial</i>   | A               | 243  |
| Operating temperature range  | °C              | -50 ... +50  |
| Minimum bending radius by laying   | mm              | 795  |
| Level difference along the laying rout, not more than                        | m               | 15   |
| Metal sheath outer diameter (for reference only)                             | mm              | 37   |
| Rated outer diameter of the cable (for reference) **                         | mm              | 53   |
| Cable weight (approximate)   | kg/km           | 6350   |
| Rated factory cable length and gross weight of the delivery on the drums *** | m, t            | # 16a: 350 • 2.5<br># 18: 400 • 3.0<br># 20: 630 • 4.6 |

**Notes:**

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

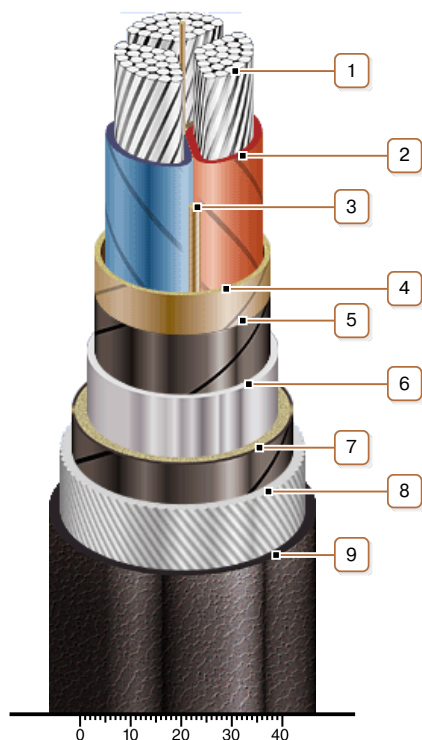
*\* Long permissible current loads are calculated for the following conditions: air temperature plus 25 °C, soil temperature plus 15 °C, thermal resistivity of soil 1.2 °K·m/W, laying depth in the soil 0.7 m*

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



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### CONSTRUCTION

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

*Note: Conductor twisting is not illustrated*