



## ААГ 3x35(ож)-1 TY Y 27.3-00214534-091:2017

Power cables with aluminium conductors, with impregnated paper insulation, aluminium-sheathed

Cables are used for laying:

- in dry premises (tunnels), ducts, cable cellars, mines, collectors, industrial and other premises
- in fire-risk premises
- with no risk of mechanical damage in operation

Fire safety code in accordance with ДСТУ 4809:2007: ПБ100000000

Products of this mark meet the requirements:

- single wire cable flame retardance

### TECHNICAL SPECIFICATIONS

|   |                 |             |
|---|-----------------|-------------|
| Rated voltage   | kV              | 1           |
| Number and rated area of conductors                   | mm <sup>2</sup> | 3 x 35      |
| Insulation thickness between conductors               | mm              | 1.5         |
| Insulation thickness of conductor-sheath              | mm              | 1.25        |
| Sheath thickness                                      | mm              | 1.15        |
| Permissible continuous current rating *               |                 |             |
| • by aerial laying                                    | A               | 118         |
| • by burial   | A               | 126         |
| Operating temperature range                           | °C              | -50 ... +50 |
| Minimum bending radius by laying                      | mm              | 475         |
| Level difference along the laying rout, not more than | m               | 25          |
| Metal sheath outer diameter (for reference only)      | mm              | 18          |
| Rated outer diameter of the cable (for reference) **  | mm              | 19          |
| Cable weight (approximate)                            | kg/km           | 570         |

Notes:

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

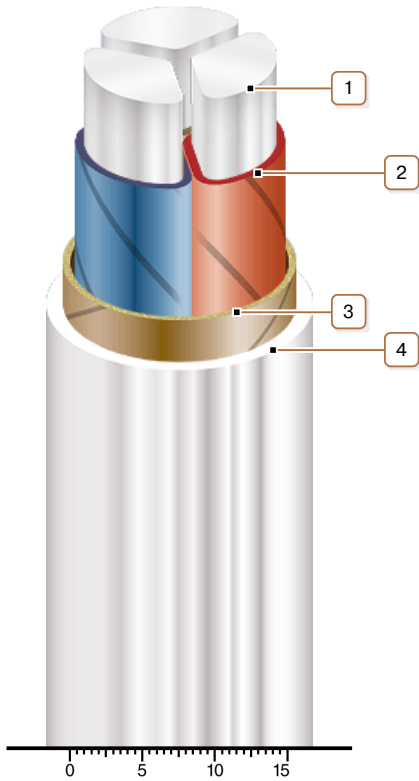
\* Long permissible current loads are calculated for the following conditions: air temperature plus 25 °C, soil temperature plus 15 °C, thermal resistivity of soil 1.2 °K·m/W, laying depth in the soil 0.7 m

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



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### CONSTRUCTION

1. Aluminium conductor
2. Impregnated paper insulation
3. Belt insulation
4. Aluminium sheath

Note: Conductor twisting is not illustrated