



## ААГ 3x95-6 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

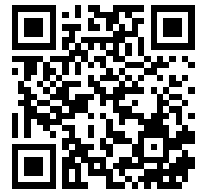
|   |                 |             |
|---|-----------------|-------------|
| Rated voltage   | kV              | 6           |
| Number and rated area of conductors                   | mm <sup>2</sup> | 3 x 95      |
| Insulation thickness between conductors               | mm              | 4           |
| Insulation thickness of conductor-sheath              | mm              | 2.95        |
| Sheath thickness                                      | mm              | 1.45        |
| Permissible continuous current rating *               |                 |             |
| • by aerial laying                                    | A               | 214         |
| • by burial   | A               | 213         |
| Operating temperature range                           | °C              | -50 ... +50 |
| Minimum bending radius by laying                      | mm              | 900         |
| Level difference along the laying rout, not more than | m               | 20          |
| Metal sheath outer diameter (for reference only)      | mm              | 34          |
| Rated outer diameter of the cable (for reference) **  | mm              | 36          |
| Cable weight (approximate)                            | kg/km           | 1790        |

Notes:

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

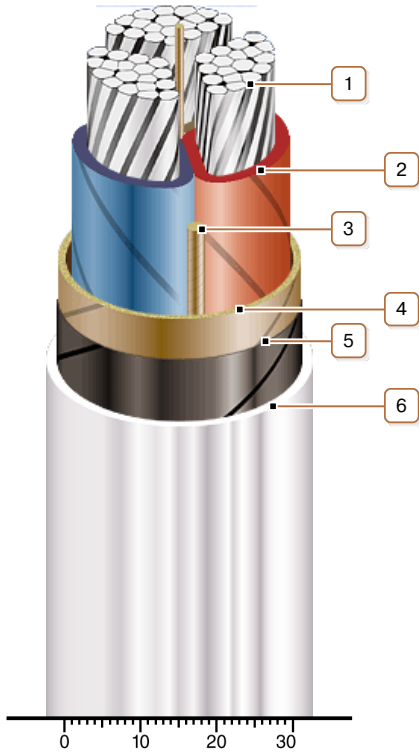
\* Long permissible current loads are calculated for the following conditions: air temperature plus 25 °C, soil temperature plus 15 °C, thermal resistivity of soil 1.2 °K·m/W, laying depth in the soil 0.7 m

\*\* 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. Aluminium sheath

Note: Conductor twisting is not illustrated