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# АПНПнгд 2 x 6 ТУ У 31.3-00214534-059:2008



Connecting flat household wires with aluminium conductors, low fire-risk PVC compound insulation, low fire-risk PVC compound outer sheath

#### Used for:

• laying in lighting networks for AC voltage up to 250 V, including on the wooden constructions

Fire safety code in accordance with ДСТУ 4809:2007: ПБ123121000

Products of this mark meet the requirements:

- single wire cable flame retardance
- · bunched cable flame retardance category A
- toxicity class Tk3 of the combustion products of nonmetallic elements (toxicity index over 120 g/m<sup>3</sup>)
- class  $\[mu]T\kappa 1$  on smoke-forming ability by smouldering of non-metallic elements (coefficient of smoke formation from 50 to 500 m<sup>2</sup>/kg)

• class ДΠκ2 on smoke-forming ability by combustion (minimum luminous flux more than 60 %)

• corrosive class Kx1 of combustion products of non-metallic elements (the number of halogen hydrides less than 150 mg/g, pH less than 4.3, specific conductivity more than 10  $\mu$ S/mm)

### **TECHNICAL SPECIFICATIONS**

| Rated voltage                                   | kV    | 0.38      |  |
|---|-------|-----------|--|
| Number and rated area of conductors             | mm²   | 2 x 6     |  |
| Insulation thikness                             | mm    | 0.5       |  |
| Permissible continious current by aerial laying | А     | 18.2      |  |
| Operating temperature range                     | °C    | -15 +50   |  |
| Flexibility class acc. to FOCT 22483-77         |       | 1         |  |
| Minimum bending radius by laying                | mm    | 43        |  |
| Width and thickness (rated, for reference only) | mm    | 8.6 x 4.9 |  |
| Weight (approximate)                            | kg/km | 77        |  |
| Notes:  |       |           |  |

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



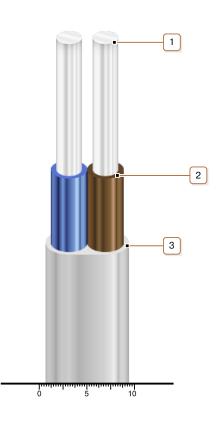


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### CONSTRUCTION

- 1. Aluminium conductor
- 2. Low fire-risk PVC compound insulation
- 3. Low fire-risk PVC compound outer sheath