



## ПНПнгд 2 x 1.5 ТУ У 31.3-00214534-059:2008

Connecting flat household wires with copper 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 ДТк1 on smoke-forming ability by smouldering of non-metallic elements (coefficient of smoke formation from 50 to 500 m<sup>2</sup>/kg)*
- *class ДПк2 on smoke-forming ability by combustion (minimum luminous flux more than 60 %)*
- *corrosive class Кк1 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 μS/mm)*

### TECHNICAL SPECIFICATIONS

|                                                 |                 |             |
|-------------------------------------------------|-----------------|-------------|
| Rated voltage                                   | kV              | 0.38        |
| Number and rated area of conductors             | mm <sup>2</sup> | 2 x 1.5     |
| Insulation thickness                            | mm              | 0.5         |
| Permissible continuous current by aerial laying | A               | 11          |
| Operating temperature range                     | °C              | -15 ... +50 |
| Flexibility class acc. to ГОСТ 22483-77         |                 | 1           |
| Minimum bending radius by laying                | mm              | 29.5        |
| Width and thickness (rated, for reference only) | mm              | 5.9 x 3.5   |
| Weight (approximate)                            | kg/km           | 53          |

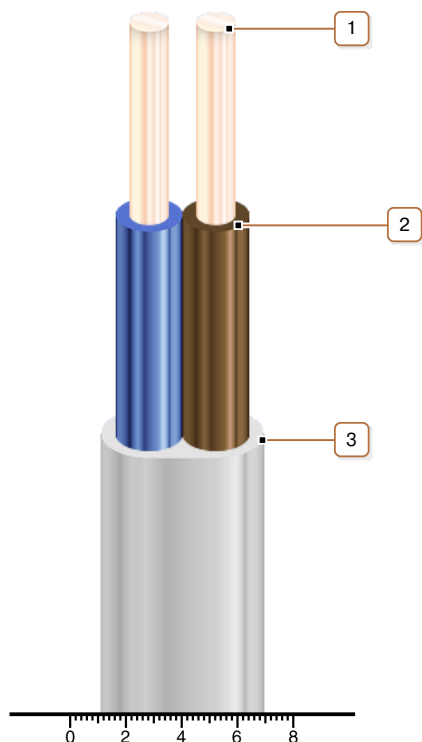
Notes:

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



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### CONSTRUCTION

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