



## **ПВСнгд 2 x 2.5** **ТУ У 31.3-00214534-059:2008**

Connecting wires with copper conductors, low fire-risk PVC compound insulation, low fire-risk PVC compound outer sheath

Used for:

- *laying in dry and damp areas, for installation in switchboards, in ducts, for concealed and open wiring on the walls, in the networks for AC voltage up to 380 V (for systems up to 380/660 V)*
- *connection of household and repair electric appliances and tools, dishwashers, refrigerators etc., labor-saving devices for gardening, and other machines and devices of this kind*

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 Kк1 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 2.5     |
| Insulation thickness                            | mm              | 0.8         |
| Permissible continuous current by aerial laying | A               | 25          |
| Operating temperature range                     | °C              | -15 ... +50 |
| Flexibility class acc. to ГОСТ 22483-77         |                 | 5           |
| Minimum bending radius by laying                | mm              | 45.5        |
| Outer diameter (nominal, for reference only)    | mm              | 9.1         |
| Weight (approximate)                            | kg/km           | 139         |

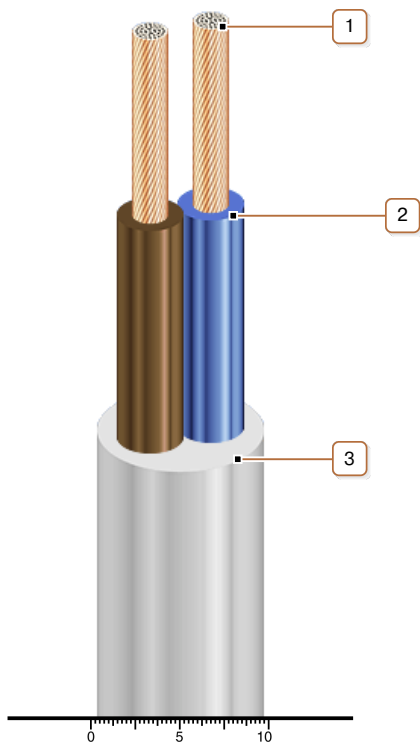
Notes:

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



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### CONSTRUCTION

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

*Note: Conductor twisting is not illustrated*