280119-045001000250

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# ПВ3нгд 1 х 2.5
# ГОСТ 6323-79, ТУ У 31.3-00214534-056:2006

Installation flat wires with copper conductors, low fire-risk PVC compound insulation

Used for:
- *fixed laying in lighting and power circuits and also for electric equipment, machines, mechanisms and machine tools installation for rated voltage up to 450 V (for networks up to 450/750), frequency up to 100 Hz or constant voltage of 1000 V*
- *electric subcircuits installation, where wire-bending are possible*

Manufacturing of wires in climate version F and T is possible

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 Тк3 of the combustion products of nonmetallic elements (toxicity index over 120 g/m$^3$)*
- *class ДТк1 on smoke-forming ability by smouldering of non-metallic elements (coefficient of smoke formation from 50 to 500 m$^2$/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 | 0.45 |
| Number and rated area of conductors | mm$^2$ | 1 x 2.5 |
| Insulation thikness | mm | 0.8 |
| Operating temperature range | °C | -40 … +50 |
| Flexibility class acc. to ГОСТ 22483-77 | | 4 |
| Minimum bending radius by laying | mm | 18 |
| Outer diameter (nominal, for reference only) | mm | 3.6 |
| Outer diameter (maximum, for reference only) | mm | 4.2 |
| Weight (approximate) | kg/km | 32 |

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

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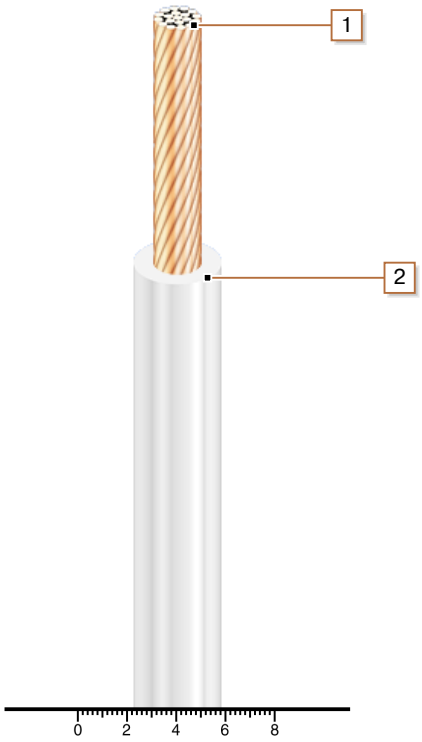
# ПВЗнгд 1 х 2.5
# ГОСТ 6323-79, ТУ У 31.3-00214534-056:2006

Installation flat wires with copper conductors, low fire-risk PVC compound insulation




## CONSTRUCTION

*1. Copper multiwire conductor*
*2. Low fire-risk PVC compound insulation*

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