



**ПБ1 1 x 50**  
**TY Y 31.3-00214534-056:2006**

Installation wires with copper conductors, 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
- for laying in steel pipes, hollow ducts of building structures, on trays, etc.

Manufacturing of wires in climate version F and T is possible

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              | 0.45        |
| Number and rated area of conductors          | mm <sup>2</sup> | 1 x 50      |
| Insulation thickness                         | mm              | 1.4         |
| Operating temperature range                  | °C              | -50 ... +50 |
| Flexibility class acc. to ГОСТ 22483-77      |                 | 2           |
| Minimum bending radius by laying             | mm              | 110         |
| Outer diameter (nominal, for reference only) | mm              | 11          |
| Outer diameter (maximum, for reference only) | mm              | 13          |
| Weight (approximate)                         | kg/km           | 476         |

Notes:

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

**CONSTRUCTION**

1. Copper multiwire conductor
2. PVC compound insulation

