



**БПВЛЭ 1x4**  
**ТУ 16-505.911-76**

Wires with PVC-plastic insulation in varnished braiding for onboard circuit

Used:

- for fixed installation of electric network, including aviation equipment

The wires are resistant to vibration, impact and linear loads, to acoustic noise, to relative humidity of air up to 98% at a temperature of 40 °C, low pressure to 67 Pa and increased pressure to 3 atm., as well as to influence of oil and gasoline

**TECHNICAL SPECIFICATIONS**

|   |                 |             |
|---|-----------------|-------------|
| Rated AC voltage up to 2000 Hz                | V               | 250         |
| Rated DC voltage                              | V               | 500         |
| Number and rated diameter of conductors       | mm <sup>2</sup> | 1 x 4       |
| Class of core flexibility                     |                 | 4           |
| Ambient operating temperature                 | °C              | -60 ... +50 |
| Permissible continuous conductors temperature | °C              | +70         |
| Minimum bending radius by laying              | mm              | 104         |
| Cable outer diameter (for reference only) **  | mm              | 5.2         |
| Cable weight (approximate)                    | kg/km           | 65.9        |
| Minimal service life                          | years           | 15          |

Notes:

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

\*\* The external diameter may differ from the rated up to ± 10 %

**CONSTRUCTION**

1. Tin coated copper multiwire current-carrying conductor
2. PVC compound insulation
3. Braid made of cotton or combined yarn, laquered
4. Screen - tinned copper wires braid

