



**БПВЛЭ 1x1**  
**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 1
Class of core flexibility		4
Ambient operating temperature	°C	-60 ... +50
Permissible continuous conductors temperature	°C	+70
Minimum bending radius by laying	mm	34
Cable outer diameter (for reference only) **	mm	3.4
Cable weight (approximate)	kg/km	26
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

