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# БПВЛЭ 1х1.5 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

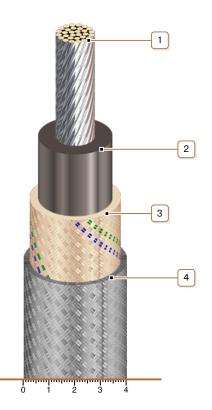
### **TECHNICAL SPECIFICATIONS**

Rated AC voltage up to 2000 Hz	V	250
Rated DC voltage	V	500
Number and rated diameter of conductors	mm²	1 x 1.5
Class of core flexibility		4
Ambient operating temperature	°C	-60 +50
Permissible continious conductors temperature	°C	+70
Minimum bending radius by laying	mm	40
Cable outer diameter (for reference only) **	mm	4
Cable weight (approximate)	kg/km	34
Minimal service life	years	15

Notes:

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

<sup>\*\*</sup> The external diameter may differ from the rated up to  $\pm$  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