



БПВЛЭ 1x0.5
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 | mm ² | 1 x 0.5 |
| Class of core flexibility | | 4 |
| Ambient operating temperature | °C | -60 ... +50 |
| Permissible continuous conductors temperature | °C | +70 |
| Minimum bending radius by laying | mm | 30 |
| Cable outer diameter (for reference only) ** | mm | 3 |
| Cable weight (approximate) | kg/km | 19.3 |
| 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

