



7, Autogennaya Str., Kharkov, 61099, Ukraine. Phone: (+38-057) 728-1244, 728-1241. Fax: (+38-057) 728-1243, (+38-0572) 946-830 E-mail: market@yuzhcable.com.ua

## 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

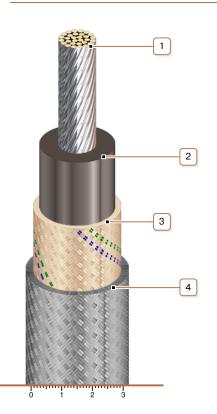
The wires are resistant to vibration, impact and linear loads, to acoustic noise, to relative humidity of air up to 98% at a temperature of 40 °C, low pressure to 67 Pa and increased pressure to 3 atm., as well as to influence of oil and gasoline

## **TECHNICAL SPECIFICATIONS**

Rated AC voltage up to 2000 Hz	V	250
Rated DC voltage	V	500
Number and rated diameter of conductors	mm²	1 x 1
Class of core flexibility		4
Ambient operating temperature	C	-60 +50
Permissible continious 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 neccesary to agree the factory length of the product with the manufacturer

 $^{**}$  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