





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

# МГШВ 1x0.5 ТУ 16-505.437-82

## Flexible connecting wires wth fibrous and polyvinylchloride insulation

#### Used:

· for intra- and interblock installation of various radioelectronic equipment and devices

The wires are resistant to relative humidity of air up to 98% at temperatures up to 35 °C, low and high (up to 3 atm.) atmospheric pressure, mold fungi, static and dynamic dust, salt fog, solar radiation, atmospheric precipitation, gasoline, mineral oil and salt water

It is possible to manufacture wires with a different nominal cross-section of cores

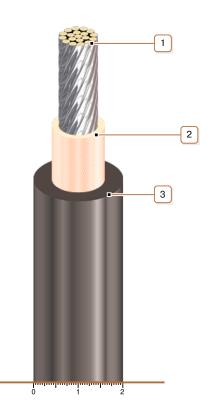
#### **TECHNICAL SPECIFICATIONS**

Rated AC voltage up to 10 kHz	V	1000	
Rated DC voltage	V	1500	
Number and rated diameter of conductors	mm²	1 x 0.5	
Class of core flexibility		5	
Ambient operating temperature	°C	-50 +50	
Permissible continious conductors temperature	°C	+70	
Cable outer diameter (for reference only) **	mm	2	
Cable weight (approximate)	kg/km	7.5	
Minimal service life	years	15	

#### Notes:

When ordering it is neccesary 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. Double-layer polyester-thread insulation
- 3. PVC compound insulation