



## МГШВ 1х1 ТУ 16-505.437-82

Flexible connecting wires with 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       | mm <sup>2</sup> | 1 x 1       |
| Class of core flexibility                     |                 | 4           |
| Ambient operating temperature                 | °C              | -50 ... +50 |
| Permissible continuous conductors temperature | °C              | +70         |
| Cable outer diameter (for reference only) **  | mm              | 2.6         |
| Cable weight (approximate)                    | kg/km           | 13.5        |
| 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  $\pm 10\%$

### CONSTRUCTION

1. Tin coated copper multiwire current-carrying conductor
2. Double-layer polyester-thread insulation
3. PVC compound insulation

