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## МГШВЭ 1x1 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

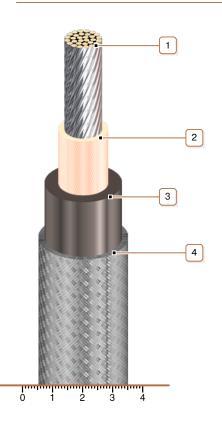
It is possible to manufacture wires with a different nominal cross-section of cores

## **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 1
Class of core flexibility		5
Ambient operating temperature	°C	-50 +50
Permissible continious conductors temperature	°C	+70
Cable outer diameter (for reference only) **	mm	3
Cable weight (approximate)	kg/km	21.1
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. Double-layer polyester-thread insulation
- 3. PVC compound insulation
- 4. Screen tinned copper wires braid