



МГШВЕ 1х0.5 ТУ У 27.3-00214534-133:2023

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

Fire safety code in accordance with ДСТУ 4809:2007: ПБ100000000

Products of this mark meet the requirements:

- single wire cable flame retardance

TECHNICAL SPECIFICATIONS

Rated AC voltage up to 10 kHz	V	1000
Rated DC voltage	V	1500
Number and rated diameter of conductors	mm ²	1 x 0.5
Class of core flexibility		5
Ambient operating temperature	°C	-50 ... +50
Permissible continuous conductors temperature	°C	+70
Cable outer diameter (for reference only) **	mm	2.4
Cable weight (approximate)	kg/km	13.6
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. Double-layer polyester-thread insulation
3. PVC compound insulation
4. Screen - tinned copper wires braid

