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# МПКМЭ 1x0.5 ТУ 16-505.495-81

### Compact connecting wires with polyethylene insulation

### Used:

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

Cables are resistant to relative humidity of air up to 98% at temperatures up to 35 °C, low and high atmospheric pressure, mold fungi, static and dynamic dust, salt fog, solar radiation, atmospheric precipitation It is possible to manufacture wires with a different nominal cross-section of cores

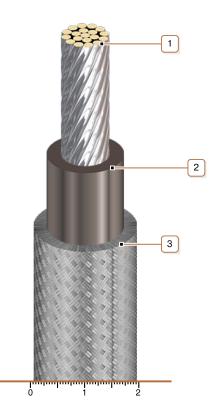
### **TECHNICAL SPECIFICATIONS**

Rated AC voltage up to 5000 Hz	V	250
Rated DC voltage	V	350
Number and rated diameter of conductors	mm²	1 x 0.5
Class of core flexibility		4
Ambient operating temperature	°C	-50 +50
Permissible continious conductors temperature	°C	+85
Cable outer diameter (for reference only) **	mm	2.2
Cable weight (approximate)	kg/km	11.7
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. XLPE insulation
- 3. Screen tinned copper wires braid