



**МПКМЭ 1x1**  
**TY 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	mm <sup>2</sup>	1 x 1
Class of core flexibility		4
Ambient operating temperature	°C	-50 ... +50
Permissible continuous conductors temperature	°C	+85
Cable outer diameter (for reference only) **	mm	2.8
Cable weight (approximate)	kg/km	18.6
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. XLPE insulation
3. Screen - tinned copper wires braid

