



## МКЭШ 5x1 ГОСТ 10348-80

### Multicore plastic-insulated wiring cables

Used:

- for industrial signal transmission lines for control, monitoring, signaling, regulation of electronic equipment and devices
- for industrial data transmission networks
- for inter-device installation of electrical installations

Cables are resistant to vibration and impact loads, to relative humidity of air up to 98% at temperatures up to 35 °C

It is possible to manufacture cables with a different number and nominal cross-section of wires, pair twisted cables, as well as fire-safe and halogen-free cables according to specifications of PJSC YUZH CABLE WORKS

### TECHNICAL SPECIFICATIONS

Rated AC voltage up to 400 Hz	V	500
Rated DC voltage	V	750
Number and rated diameter of conductors	mm <sup>2</sup>	5 x 1
Class of core flexibility		2
Ambient operating temperature	°C	-50 ... +50
Permissible continuous conductors temperature	°C	+70
Cable outer diameter (for reference only) **	mm	9.6
Cable weight (approximate)	kg/km	159.8
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. PVC compound insulation
3. Wrapping the core with polyethylene terephthalate film
4. Screen - copper wires braid
5. PVC compound outer sheath

