



## MKШМ 10x0.5 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> | 10 x 0.5    |
| Class of core flexibility                     |                 | 4           |
| Ambient operating temperature                 | °C              | -50 ... +50 |
| Permissible continuous conductors temperature | °C              | +70         |
| Cable outer diameter (for reference only) **  | mm              | 10.6        |
| Cable weight (approximate)                    | kg/km           | 155.7       |
| 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. Copper multiwire conductor
2. PVC compound insulation
3. Wrapping the core with polyethylene terephthalate film
4. PVC compound outer sheath

