



## KMB 14x0.5 TY 16-505.444-83

### Multicore plastic-insulated wiring cables, PVC-sheathed

Used:

- for intra- and interblock installation of various radioelectronic equipment and devices
- for replacement of bundled harnesses from mounting wires

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 cables with a different number of cores and other nominal cross-sections of wires, as well as fire-safe and halogen-free cables according to the specifications of PJSC YUZH CABLE WORKS

### TECHNICAL SPECIFICATIONS

|                                               |                 |             |
|-----------------------------------------------|-----------------|-------------|
| Rated AC voltage up to 50 Hz                  | V               | 380         |
| Rated AC voltage up to 1000 Hz                | V               | 50          |
| Rated DC voltage                              | V               | 550         |
| Number and rated diameter of conductors       | mm <sup>2</sup> | 14 x 0.5    |
| Class of core flexibility                     |                 | 5           |
| Operating temperature                         | °C              | -50 ... +50 |
| Permissible continuous conductors temperature | °C              | +70         |
| Cable outer diameter (for reference only) **  | mm              | 9.9         |
| Cable weight (approximate)                    | kg/km           | 168.4       |
| Minimal service life                          | years           | 12          |

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  $\pm 10\%$

### CONSTRUCTION

1. Tin coated copper multiwire current-carrying conductor
2. PVC compound insulation
3. Wrapping the core with polyethylene terephthalate film
4. PVC compound outer sheath

