



**KMB 12x0.5**  
**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>	12 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	9.4
Cable weight (approximate)	kg/km	149.1
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 ± 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

