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## КМВ 12х0.5 ТУ 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 YUZHCABLE WORKS

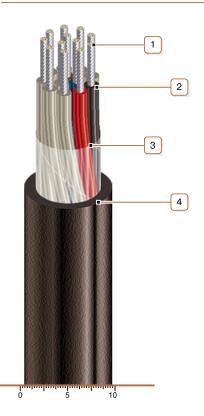
## **TECHNICAL SPECIFICATIONS**

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	mm²	12 x 0.5	
Class of core flexibility		5	
Operating temperature	°C	-50 +50	
Permissible continious 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	
Notoc			

Notes:

When ordering it is neccesary 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