

**MKШВ 3x1**  
**TY Y 27.3-00214534-1 19:2020****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

Fire safety code in accordance with ДСТУ 4809:2007: ПБ100000000

Products of this mark meet the requirements:

- *single wire cable flame retardance*

**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> | 3 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              | 7.9         |
| Cable weight (approximate)                    | kg/km           | 94.6        |
| Minimal service life                          | years           | 15          |

**Notes:**

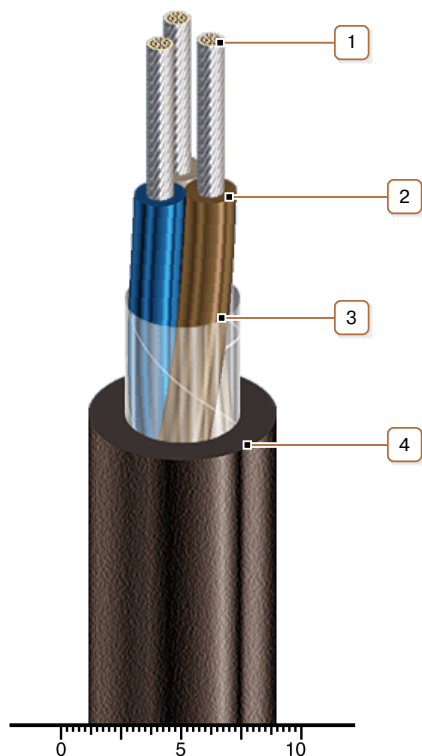
*When ordering it is necessary to agree the factory length of the product with the manufacturer*

*\*\* The external diameter may differ from the rated up to ± 10 %*



## **МКШВ 3х1** **ТУ У 27.3-00214534-1 19:2020**

Multicore plastic-insulated wiring cables



### **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