



## КУПВ 27х0.5 ГОСТ 18404.3-73

Control cables with polyethylene insulation, PVC-plastic sheathed

Used:

- for the transmission of electrical signals of low power control

Cables are resistant to multiple rewinds, axial torsion, vibration, impact and linear loads, as well as to acoustic noise, to low atmospheric pressure, relative air humidity up to 98 % at 35 °C, precipitation, salt mist and dynamic dust

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 1000 Hz	V	250
Rated DC voltage	V	350
Number and rated diameter of conductors	mm <sup>2</sup>	27 x 0.5
Class of core flexibility		4
Ambient operating temperature	°C	-50 ... +50
Permissible continuous conductors temperature	°C	+70
Minimum bending radius by laying	mm	72
Cable outer diameter (for reference only) **	mm	12
Cable weight (approximate)	kg/km	218.8
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  $\pm 10$  %

### CONSTRUCTION

1. Copper multiwire conductor
2. Polyethylene insulation
3. Wrapping the core with polyethylene terephthalate film
4. PVC compound outer sheath

