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## КГВ 5x6 ТУ У 31.3-00214534-006-2001

Power flexible cables with copper conductors, PVC compound insulation, outer PVC compound sheath

Cables for connecting of moveable devices to the power network for rated voltage of  $660 \, \text{V}$ , frequency up to  $400 \, \text{Hz}$  or constant voltage of  $1000 \, \text{V}$ 

Fire safety code in accordance with ДСТУ 4809:2007:  $\Pi E1000000000$ 

Products of this mark meet the requirements:

· single wire cable flame retardance

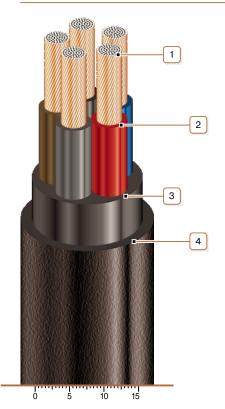
## **TECHNICAL SPECIFICATIONS**

| Rated voltage   | kV    | 0.66                |
|---|-------|---------------------|
| Number and rated area of conductors                                 | mm²   | 5 x 6               |
| Insulation thikness   | mm    | 0.8                 |
| Permissible continious current rating *                             |       |                     |
| <ul> <li>by aerial laying (AC of industrial frequency) *</li> </ul> | Α     | 42                  |
| Operating temperature range   | °C    | -50 <del>+</del> 70 |
| Flexibility class acc. to GOST 22483-77                             |       | 5                   |
| Minimum bending radius by laying                                    | mm    | 160                 |
| Rated outer diameter of the cable (for reference) **                | mm    | 20                  |
| Cable weight (approximate)  | kg/km | 640                 |
| Rated factory cable length and gross weight of the delivery         | m, t  | # 12: 820 • 0.6     |
| on the drums ***  |       | # 14: 1570 • 1.2    |

## Notes:

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

<sup>\*\*</sup> The external diameter may differ from the rated up to  $\pm$  10 %



## CONSTRUCTION

- 1. Copper multiwire conductor
- 2. PVC compound insulation
- 3. PVC compound inner sheath
- 4. PVC compound outer sheath

Note: Conductor twisting is not illustrated

<sup>\*</sup> Long permissible current loads are calculated for the air temperature plus 25 °C