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## КГВ 2x50 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: ΠБ100000000

Products of this mark meet the requirements:
• single wire cable flame retardance

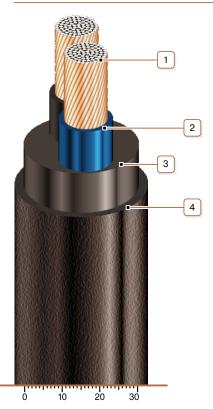
## **TECHNICAL SPECIFICATIONS**

Rated voltage	kV	0.66
Number and rated area of conductors	mm²	2 x 50
Insulation thikness	mm	1.4
Permissible continious current rating *		
by aerial laying (AC of industrial frequency) *	Α	167
Operating temperature range	°C	-50 +70
Flexibility class acc. to GOST 22483-77		5
Minimum bending radius by laying	mm	280
Rated outer diameter of the cable (for reference) **	mm	35
Cable weight (approximate)	kg/km	1950
Rated factory cable length and gross weight of the delivery	m, t	# 16a: 780 · 1.8
on the drums ***		

## 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