





7, Autogennaya Str., Kharkov, 61099, Ukraine. Phone: (+38-057) 728-1244, 728-1241. Fax: (+38-057) 728-1243, (+38-0572) 946-830 E-mail: market@yuzhcable.com.ua

## 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

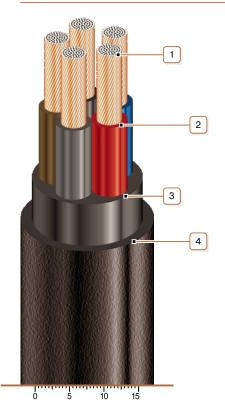
## **TECHNICAL SPECIFICATIONS**

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