





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 3x50+1x16 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

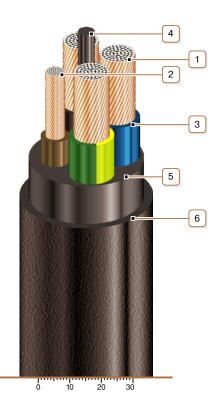
TECHNICAL SPECIFICATIONS

Rated voltage	kV	0.66
Number and rated area of main conductors	mm²	3 x 50
Earth conductor rated area	mm²	16
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	320
Rated outer diameter of the cable (for reference) **	mm	40
Cable weight (approximate)	kg/km	2760
Rated factory cable length and gross weight of the delivery	m, t	# 16a: 630 • 2.0
on the drums ***		

Notes:

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

- * Long permissible current loads are calculated for the air temperature plus 25 °C
- ** The external diameter may differ from the rated up to \pm 10 %



CONSTRUCTION

- 1. Copper multiwire conductor
- 2. Copper multiwire earth conductor
- 3. PVC compound insulation
- 4. PVC compound bundle
- 5. PVC compound inner sheath
- 6. PVC compound outer sheath

Note: Conductor twisting is not illustrated