





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

## ВБбШнг 1x70-1 ТУ У 31.3-00214534-018-2003

Power cables with copper conductors, with PVC-compound insulation, galvanized steel-tape armoured, with low-flammable PVC-compound protection hose

Cables are used for laying:

- · in bunches
- in premises, dry ducts and tunnels, in corrosive environment
- · in places, where small mechanical impacts on cable are possible, including tensile forces

Fire safety code in accordance with ДСТУ 4809:2007: ΠБ120000000

Products of this mark meet the requirements:

- · single wire cable flame retardance
- · bunched cable flame retardance category A

### **TECHNICAL SPECIFICATIONS**

Rated voltage	kV	1
Number and rated area of conductors	mm²	1 x 70
Phase insulation thikness	mm	1.4
Permissible continious current rating (AC of industrial frequency	') *	
• by aerial laying	Α	226
• by burial	Α	237
Permissible continious current rating (DC) *		
• by aerial laying	Α	286
• by burial	А	364
Maximum permissible conductor temperature		
Continious	°C	+70
in emergency operation	°C	+90
• at short circuit	°C	+160
Operating temperature range	°C	-50 +50
Minimum bending radius by laying	mm	230
Rated outer diameter of the cable (for reference) **	mm	23
Cable weight (approximate)	kg/km	1100
Rated factory cable length and gross weight of the delivery on the drums ***	m, t	# 14: 1090 • 1.4

#### Notes:

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

<sup>\*</sup> Long permissible current loads are calculated for the following conditions: air temperature plus 25 °C, soil temperature plus 15 °C, thermal resistivity of soil 1.2 °K • m/W, laying depth in the soil 0.7 m

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



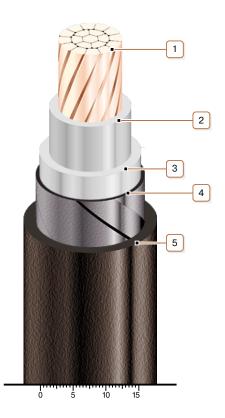




7, Autogennaya Str., Kharkov, 61099, Ukraine. Phone: (+38-057) 728-1244, 728-1241. Fax: (+38-057) 728-1243, (+38-0572) 946-830 E-mail: market@yuzhcable.com.ua

# ВБбШнг 1x70-1 ТУ У 31.3-00214534-018-2003

Power cables with copper conductors, with PVC-compound insulation, galvanized steel-tape armoured, with low-flammable PVC-compound protection hose



### **CONSTRUCTION**

- 1. Copper multiwire compact conductor
- 2. PVC compound insulation
- 3. PVC compound belt insulation
- 4. Double galvanized steel-tape armour
- 5. Pressed off low-flammable PVC compound protection hose