





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

ВКбШвнг 2x1.5-1 ТУ У 31.3-00214534-057:2007

Power cables with copper conductors, with PVC-compound insulation, galvanized steel-wire 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

It is possible manufacturing of cables in cold-resistant performance (ВКбШвнг-ХЛ)

It is possible manufacturing of cables of low fire risk (ВКбШнгд), including fire-resistant (ВКбШнгд-FR) and cold-resistant (ВКбШнгд-XЛ)

It is possible manufacturing of cables with polymer compound sheath, halogen-free (ВКбПнг-HF), including fire-resistant (ВКбПнг-FRHF)

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	2 x 1.5
Phase insulation thikness	mm	0.8
Armor wire diameter	mm	0.3
Permissible continious current rating (AC of industrial frequency	cy) *	
• by aerial laying	Α	21
• by burial	Α	27
Maximum permissible conductor temperature		
Continious	°C	+70
in emergency operation	°C	+80
• at short circuit	°C	+160
Operating temperature range	°C	-40 +50
Minimum bending radius by laying	mm	90
Rated outer diameter of the cable (for reference) **	mm	12
Cable weight (approximate)	kg/km	200
Rated factory cable length and gross weight of the delivery	m, t	# 10: 1650 • 0.4
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 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

^{**} The external diameter may differ from the rated up to \pm 10 %



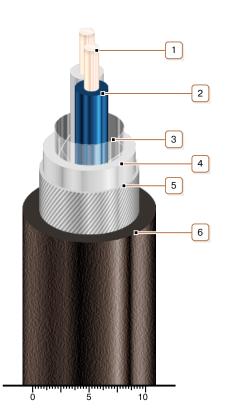




7, Autogennaya Str., Kharkov, 61099, Ukraine. Phone: (+38-057) 728-1244, 728-1241. Fax: (+38-057) 728-1243, (+38-0572) 946-830 E-mail: market@yuzhcable.com.ua

ВКбШвнг 2x1.5-1 ТУ У 31.3-00214534-057:2007

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



CONSTRUCTION

- 1. Copper conductor
- 2. PVC compound insulation
- 3. PET film winding
- 4. PVC compound belt insulation
- 5. Round galvanized steel-wire armour
- 6. Pressed off low-flammable PVC compound protection hose

Note: Conductor twisting is not illustrated