



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



ВБбШв 3х240-6 ГОСТ 16442-80,ТУ У 31.3-00214534-048:2007

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

Cables are used for laying:

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

Manufacturing of non-galvanized armoured cable, covered with a layer of bitumen and PET film is possible

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	6
Number and rated area of conductors	mm²	3 x 240
Phase insulation thikness	mm	3.4
Permissible continious current rating (AC of industrial frequency) *	¢.	
• by aerial laying	А	472
• by burial	А	471
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	487.5
Rated outer diameter of the cable (for reference) **	mm	65
Cable weight (approximate)	kg/km	10010
Rated factory cable length and gross weight of the delivery	m, t	# 18: 270 • 3.2
on the drums ***		# 20: 440 • 5.0
Notes:		

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 %



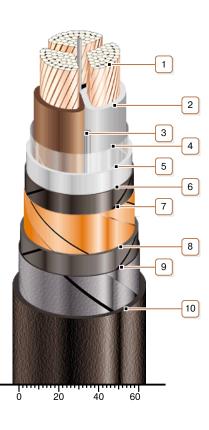


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CONSTRUCTION

- 1. Copper multiwire compact conductor
- 2. PVC compound insulation
- 3. PVC compound bundle
- 4. PET film winding
- 5. PVC compound belt insulation
- 6. Lapping layer of semiconductive paper
- 7. Copper screen
- 8. Tape bedding
- 9. Double galvanized steel-tape armour
- 10. Pressed PVC compound protection hose

Note: Conductor twisting is not illustrated