



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

## ВВГнг 3х185-6 ТУ У 31.3-00214534-018-2003



Power cables with copper conductors, with PVC-compound insulation, with low-flammable PVC-compound outer sheath

Cables are used for laying:

- in bunches
- in premises, dry ducts and tunnels, in corrosive environment

Fire safety code in accordance with ДСТУ 4809:2007: ПБ12000000

Products of this mark meet the requirements:

single wire cable flame retardance

bunched cable flame retardance category A

## **TECHNICAL SPECIFICATIONS**

Datadualtana	1.3.7	
Rated voltage	kV	6
Number and rated area of conductors	mm²	3 x 185
Phase insulation thikness	mm	3.4
Permissible continious current rating (AC of industrial frequency	·) *	
• by aerial laying	А	397
• by burial	А	405
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	435
Rated outer diameter of the cable (for reference) **	mm	58
Cable weight (approximate)	kg/km	7530
Rated factory cable length and gross weight of the delivery	m, t	# 18: 340 • 3.0
on the drums ***		# 20: 550 • 4.8
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  $^{\circ}K^{\bullet}m/W$ , laying depth in the soil 0.7 m

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



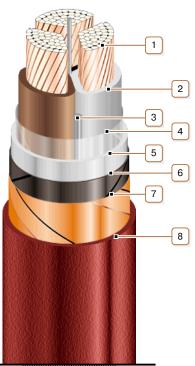


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## CONSTRUCTION

- 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. Low flammable PVC compound outer sheath

Note: Conductor twisting is not illustrated

0 10 20 30 40