





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

## ВВГ 1x630-1 ГОСТ 16442-80,ТУ У 31.3-00214534-048:2007

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

Cables are used for laying:

- · single laying
- · in premises, dry ducts and tunnels, in corrosive environment

Fire safety code in accordance with ДСТУ 4809:2007: ПБ100000000

Products of this mark meet the requirements:

· single wire cable flame retardance

## **TECHNICAL SPECIFICATIONS**

Rated voltage	kV	1
Number and rated area of conductors	mm²	1 x 630
Phase insulation thikness	mm	2.8
Permissible continious current rating (AC of industrial frequency) *	:	
• by aerial laying	Α	910
• by burial	Α	774
Permissible continious current rating (DC) *		
• by aerial laying	Α	1252
• by burial	Α	1299
Maximum permissible conductor temperature		
Continious	°C	+70
in emergency operation	°C	+90
• at short circuit	°C	+140
Operating temperature range	°C	-50 +50
Minimum bending radius by laying	mm	410
Rated outer diameter of the cable (for reference) **	mm	41
Cable weight (approximate)	kg/km	6450
Rated factory cable length and gross weight of the delivery	m, t	# 18: 660 • 4.7
on the drums ***		# 20: 1050 • 7.4

#### Notes:

When ordering it is neccesary 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 %



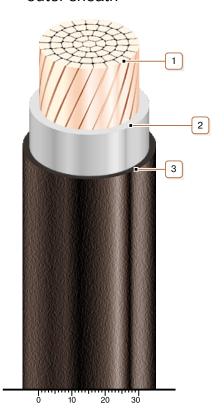




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## **CONSTRUCTION**

- 1. Copper multiwire compact conductor
- 2. PVC compound insulation
- 3. PVC compound outer sheath