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ВВГзнг 3x6+1x4-1 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

	1.1.4	
Rated voltage	kV	1
Number and rated area of conductors	mm²	3 x 6 + 1 x 4
Phase insulation thikness	mm	1
Permissible continious current rating (AC of industrial frequency) *	¢	
• by aerial laying	А	46
• by burial	А	59
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	120
Rated outer diameter of the cable (for reference) **	mm	16
Cable weight (approximate)	kg/km	390
Rated factory cable length and gross weight of the delivery	m, t	# 12: 1280 • 0.6
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 $\% \cdot m/W$, laying depth in the soil 0.7 m

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



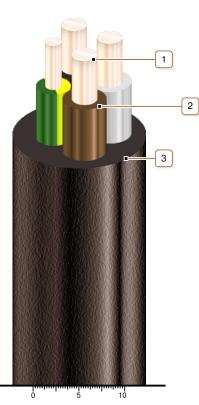


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CONSTRUCTION

- 1. Copper conductor
- 2. PVC compound insulation
- 3. Low flammable PVC compound outer sheath

Note: Conductor twisting is not illustrated