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ВВГнг 3х50-1 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

Manufacturing of cable with multiwire conductors is possible Manufacturing of cable with PVC compound belt insulation is possible

Fire safety code in accordance with ДСТУ 4809:2007: ПБ120000000 Products of this mark meet the requirements:

- single wire cable flame retardance
- bunched cable flame retardance category A

TECHNICAL SPECIFICATIONS

kV	1
mm²	3 x 50
mm	1.4
y) *	
А	167
А	187
°C	+70
°C	+90
°C	+160
°C	-50 +50
mm	210
mm	28
kg/km	1590
m, t	# 14: 800 • 1.5
	mm² mm y) * A A A °C °C °C °C °C °C mm mm kg/km

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 % 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. PET film winding
- 4. Low flammable PVC compound outer sheath

Note: Conductor twisting is not illustrated

0 5 10 15 20