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АВВГзнг 3х95+1х50 (ож)-1 ТУ У 31.3-00214534-018-2003



Power cables with aluminium 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 (main and additional one) 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

Rated voltage	kV	1
Number and rated area of conductors	mm²	3 x 95 + 1 x 50
Phase insulation thikness	mm	1.6
Permissible continious current rating (AC of industrial frequency)	*	
• by aerial laying	А	197
• by burial	А	214
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	292.5
Rated outer diameter of the cable (for reference) **	mm	39
Cable weight (approximate)	kg/km	1920
Rated factory cable length and gross weight of the delivery	m, t	# 16a: 630 • 1.5
on the drums ***		# 18: 720 • 1.8
Notos:		

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 %

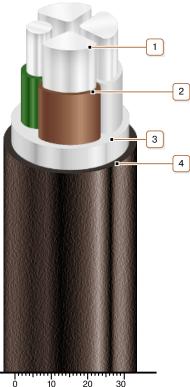




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CONSTRUCTION

- 1. Aluminium conductor
- 2. PVC compound insulation
- 3. PVC compound belt insulation
- 4. Low flammable PVC compound outer sheath

Note: Conductor twisting is not illustrated

10 20 30