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АВВГ 3x120 (ож)-6 ГОСТ 16442-80,ТУ У 31.3-00214534-048:2007

Power cables with aluminium 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	6
Number and rated area of conductors	mm²	3 x 120
Phase insulation thikness	mm	3.4
Permissible continious current rating (AC of industrial frequency)	+	
by aerial laying	Α	229
• by burial	Α	244
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	360
Rated outer diameter of the cable (for reference) **	mm	48
Cable weight (approximate)	kg/km	2960
Rated factory cable length and gross weight of the delivery	m, t	# 18: 500 • 1.9
on the drums ***		# 20: 800 • 3.0

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 °K • m/W, laying depth in the soil 0.7 m

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



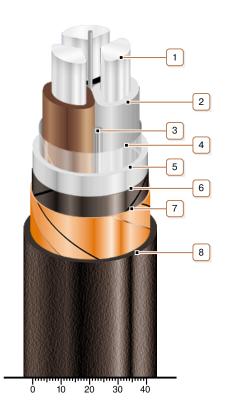




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CONSTRUCTION

- 1. Aluminium conductor
- 2. PVC compound insulation
- 3. PVC compound bundle
- 4. PET film winding
- 5. PVC compound belt insulation
- 6. Lapping layer of semiconductive paper
- 7. Copper screen
- 8. PVC compound outer sheath

Note: Conductor twisting is not illustrated