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## АВВГ 3x150-6 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  $\square$ CTY 4809:2007:  $\square$ E100000000 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 150
Phase insulation thikness	mm	3.4
Permissible continious current rating (AC of industrial frequency	·) *	
• by aerial laying	А	261
• by burial	А	274
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	397.5
Rated outer diameter of the cable (for reference) **	mm	53
Cable weight (approximate)	kg/km	3410
Rated factory cable length and gross weight of the delivery	m, t	# 18: 400 • 1.8
on the drums ***		# 20: 630 • 2.8
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  $^{\circ}K^{\bullet}m/W$ , laying depth in the soil 0.7 m

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



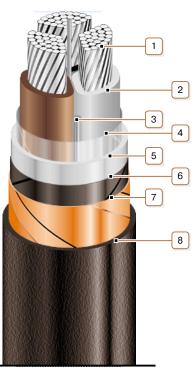


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#### 0 10 20 30 40

## CONSTRUCTION

- 1. Aluminium multiwire compacted 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