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## ААГ 3х150(ож)-1 ТУ У 27.3-00214534-091:2017

Power cables with aluminium conductors, with impregnated paper insulation, aluminium-sheathed

Cables are used for laying:

- in dry premises (tunnels), ducts, cable cellars, mines, collectors, industrial and other premises
- in fire-risk premises
- with no risk of mechanical damage in operation

Fire safety code in accordance with ДСТУ 4809:2007: ПБ10000000

Products of this mark meet the requirements:

• single wire cable flame retardance

## **TECHNICAL SPECIFICATIONS**

Rated voltage	kV	1
Number and rated area of conductors	mm²	3 x 150
Insulation thikness between conductors	mm	1.7
Insulation thikness of conductor-sheath	mm	1.45
Sheath thikness	mm	1.4
Permissible continious current rating *		
• by aerial laying	А	300
• by burial	А	281
Operating temperature range	°C	-50 +50
Minimum bending radius by laying	mm	825
Level difference along the laying rout, not more than	m	25
Metal shaeth outer diameter (for reference only)	mm	31
Rated outer diameter of the cable (for reference) **	mm	33
Cable weight (approximate)	kg/km	1830
Rated factory cable length and gross weight of the delivery	m, t	# 16: 330 • 0.9
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 °K • m/W, laying depth in the soil 0.7 m

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

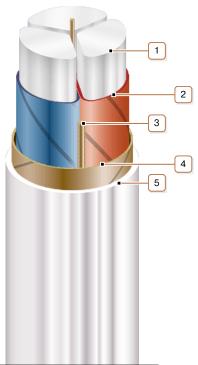




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## ААГ 3x150(ож)-1 ТУ У 27.3-00214534-091:2017

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## CONSTRUCTION

- 1. Aluminium conductor
- 2. Impregnated paper insulation
- 3. Cable paper bundle
- 4. Belt insulation
- 5. Aluminium sheath

Note: Conductor twisting is not illustrated

0 5 10 15 20