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## АСГ 4x185(ож)-1 ТУ У 27.3-00214534-091:2017

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

Cables are used for laying:

- · in blocks
- · with no risk of mechanical damage in operation

Fire safety code in accordance with ДСТУ 4809:2007: ΠБ100000000

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	4 x 185
Insulation thikness between conductors	mm	1.9
Insulation thikness of conductor-sheath	mm	1.55
Sheath thikness	mm	2.22
Permissible continious current rating *		
• by aerial laying	Α	318
• by burial	Α	292
Operating temperature range	°C	-50 +50
Minimum bending radius by laying	mm	675
Level difference along the laying rout, not more than	m	20
Metal shaeth outer diameter (for reference only)	mm	42
Rated outer diameter of the cable (for reference) **	mm	45
Cable weight (approximate)	kg/km	3920
Rated factory cable length and gross weight of the delivery	m, t	# 18: 550 • 2.6
on the drums ***		

#### Notes:

When ordering it is neccesary to agree the factory length of the product with the manufacturer

<sup>\*</sup> Long permissible current loads are calculated during operation in four-wire networks with load in all the conductors 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

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



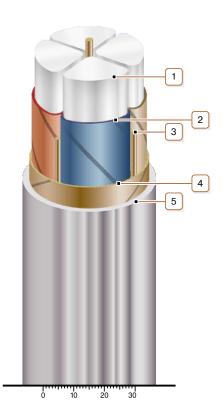




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### **CONSTRUCTION**

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

Note: Conductor twisting is not illustrated