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## ЦААПлГ 3х35(ож)-10 ТУ У 27.3-00214534-091:2017



Power cables with aluminium conductors, with non-draining impregnated paper insulation, aluminium-sheathed, steel-wire armoured

Cables are used for laying:

• without level difference limitation

• in dry premises (tunnels), ducts, cable cellars, mines, collectors, industrial and other premises, including damp, partially flooded premises, environment with medium and high corrosivenes

- in fire-risk premises
- on technological trestles
- on special cable bridges
- on bridges
- with a risk of mechanical damage and tensile forces 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	10
Number and rated area of conductors	mm²	3 x 35
Insulation thikness between conductors	mm	5.5
Insulation thikness of conductor-sheath	mm	4
Sheath thikness	mm	1.35
Permissible continious current rating *		
• by aerial laying	А	106
• by burial	А	110
Operating temperature range	°C	-50 +50
Minimum bending radius by laying	mm	1025
Metal shaeth outer diameter (for reference only)	mm	28
Rated outer diameter of the cable (for reference) **	mm	41
Cable weight (approximate)	kg/km	3070
Rated factory cable length and gross weight of the delivery	m, t	# 16a: 570 • 2.0
on the drums ***		# 18: 660 • 2.5
Natas		

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  $\cdot$  m/W, laying depth in the soil 0.7 m

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



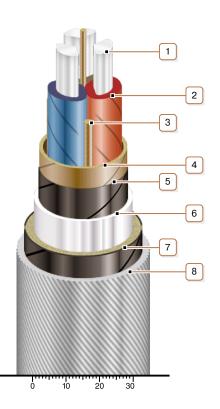


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## CONSTRUCTION

- 1. Aluminium conductor
- 2. Impregnated paper insulation
- 3. Cable paper bundle
- 4. Belt insulation
- 5. Conducting paper screen
- 6. Aluminium sheath
- 7. Single-layer plastic-tape bedding
- 8. Round galvanized steel-wire armour

Note: Conductor twisting is not illustrated