



## ЦААП2лШнг 3x35(ож)-6 ТУ У 27.3-00214534-091:2017

Power cables with aluminium conductors, with non-draining impregnated paper insulation, aluminium-sheathed, steel-wire armoured, with low-flammable PVC-compound protection hose

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 corrosiveness*
- *in fire-risk premises*
- *on technological trestles*
- *with a risk of mechanical damage and tensile forces in operation*
- *in bunches*

Fire safety code in accordance with ДСТУ 4809:2007: ПБ120000000

Products of this mark meet the requirements:

- *single wire cable flame retardance*
- *bunched cable flame retardance category A*

### TECHNICAL SPECIFICATIONS

Rated voltage	kV	6
Number and rated area of conductors	mm <sup>2</sup>	3 x 35
Insulation thickness between conductors	mm	4
Insulation thickness of conductor-sheath	mm	2.95
Sheath thickness	mm	1.3
Permissible continuous current rating *		
• <i>by aerial laying</i>	A	117
• <i>by burial</i>	A	121
Operating temperature range	°C	-50 ... +50
Minimum bending radius by laying	mm	1050
Metal sheath outer diameter (for reference only)	mm	24
Rated outer diameter of the cable (for reference) **	mm	42
Cable weight (approximate)	kg/km	3140
Rated factory cable length and gross weight of the delivery on the drums	m, t	# 16a: 570 • 2.0 # 18: 660 • 2.5

Notes:

When ordering it is necessary 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

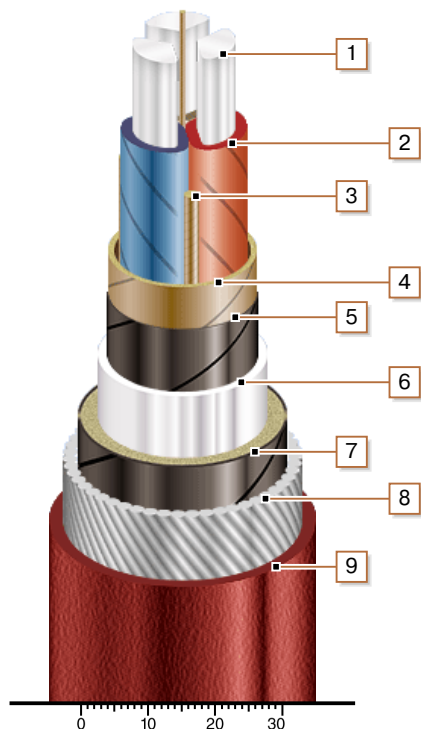
\*\* The external diameter may differ from the rated up to ± 10 %



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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. Double-layer plastic-tape bedding
  8. Round galvanized steel-wire armour
  9. Pressed off low-flammable PVC compound protection hose
- Note: conductor twisting is not illustrated*