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ЦААБнлГ 3х70(ож)-10 ТУ У 27.3-00214534-091:2017



Power cables with aluminium conductors, with non-draining impregnated paper insulation, aluminium-sheathed, steel-tape 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 no tensile forces in operation

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	10
Number and rated area of conductors	mm²	3 x 70
Insulation thikness between conductors	mm	5.5
Insulation thikness of conductor-sheath	mm	4
Sheath thikness	mm	1.45
Permissible continious current rating *		
• by aerial laying	А	161
• by burial	А	162
Operating temperature range	°C	-50 +50
Minimum bending radius by laying	mm	1000
Metal shaeth outer diameter (for reference only)	mm	33
Rated outer diameter of the cable (for reference) **	mm	40
Cable weight (approximate)	kg/km	2580
Rated factory cable length and gross weight of the delivery	m, t	# 18: 720 • 2.3
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 $\% \cdot m/W$, laying depth in the soil 0.7 m

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



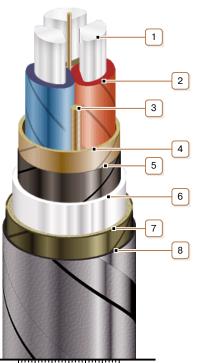


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CONSTRUCTION

- 1. Aluminium conductor
- 2. Impregnated paper insulation
- 3. Cable paper bundle
- 4. Belt insulation
- 5. Conducting paper screen
- 6. Aluminium sheath
- 7. Plastic-tape and glass-tape bedding
- 8. Double galvanized steel-tape armour

Note: Conductor twisting is not illustrated

0 10 20 30