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# ЦААШнг 3х120(ож)-6 ТУ У 27.3-00214534-091:2017

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

Cables are used for laying:

- without level difference limitation
- in soil (trenches) with high corrosiveness without vagabond currents
- · in soil (trenches) with medium corrosiveness, as well as with vagabond currents
- 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 bridges
- · in mines, non-hazardous as for gas and dust
- with no risk of mechanical damage in operation
- in bunches

Fire safety code in accordance with ДСТУ 4809:2007: ΠБ120000000 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	mm²	3 x 120
Insulation thikness between conductors	mm	4
Insulation thikness of conductor-sheath	mm	2.95
Sheath thikness	mm	1.45
Permissible continious current rating *		
• by aerial laying	А	248
• by burial	A	243
Operating temperature range	°C	-50 +50
Minimum bending radius by laying	mm	1000
Metal shaeth outer diameter (for reference only)	mm	34
Rated outer diameter of the cable (for reference) **	mm	40
Cable weight (approximate)	kg/km	2450
Rated factory cable length and gross weight of the delivery	m, t	# 18: 720 • 2.2
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  $^{\kappa \cdot}m/W,$  laying depth in the soil 0.7 m

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

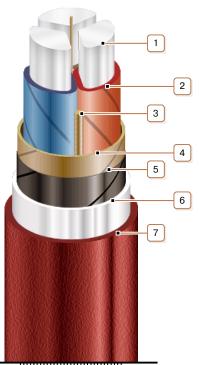




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## ЦААШнг 3x120(ож)-6 ТУ У 27.3-00214534-091:2017

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### **CONSTRUCTION**

- 1. Aluminium conductor
- 2. Impregnated paper insulation
- 3. Cable paper bundle
- 4. Belt insulation
- 5. Conducting paper screen
- 6. Aluminium sheath
- 7. Pressed off low-flammable PVC compound protection hose

Note: Conductor twisting is not illustrated

0 10 20 30