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ЦААШнг 3x150-10 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	10
Number and rated area of conductors	mm²	3 x 150
Insulation thikness between conductors	mm	5.5
Insulation thikness of conductor-sheath	mm	4
Sheath thikness	mm	1.75
Permissible continious current rating *		
• by aerial laying	А	264
• by burial	А	246
Operating temperature range	°C	-50 +50
Minimum bending radius by laying	mm	1250
Metal shaeth outer diameter (for reference only)	mm	44
Rated outer diameter of the cable (for reference) **	mm	50
Cable weight (approximate)	kg/km	3430
Rated factory cable length and gross weight of the delivery	m, t	# 18: 460 • 2.0
on the drums ***		# 20: 740 • 3.2
Notos		

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 $^{\kappa \bullet}m/W,$ laying depth in the soil 0.7 m

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

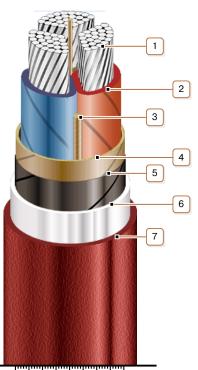




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CONSTRUCTION

- 1. Aluminium multiwire compacted 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 40