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ААШнг 3х70(ож)-1 ТУ У 27.3-00214534-091:2017



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

Cables are used for laying:

- · 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: ПБ120000000 Products of this mark meet the requirements:

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

TECHNICAL SPECIFICATIONS

Rated voltage	kV	1
Number and rated area of conductors	mm²	3 x 70
Insulation thikness between conductors	mm	1.5
Insulation thikness of conductor-sheath	mm	1.25
Sheath thikness	mm	1.3
Permissible continious current rating *		
• by aerial laying	A	180
• by burial	A	184
Operating temperature range	°C	-50 +50
Minimum bending radius by laying	mm	700
Level difference along the laying rout, not more than	m	25
Metal shaeth outer diameter (for reference only)	mm	23
Rated outer diameter of the cable (for reference) **	mm	28
Cable weight (approximate)	kg/km	1260
Rated factory cable length and gross weight of the delivery	m, t	# 16: 490 • 0.9
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 %

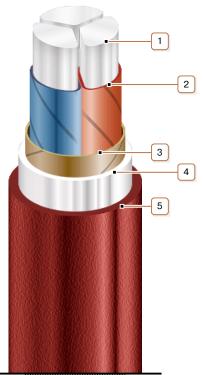




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CONSTRUCTION

- 1. Aluminium conductor
- 2. Impregnated paper insulation
- 3. Belt insulation
- 4. Aluminium sheath
- 5. Pressed off low-flammable PVC compound protection hose

Note: Conductor twisting is not illustrated

0 5 10 15 20