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ААГ 3x35+1x16(ож)-1 ТУ У 27.3-00214534-091:2017



Power cables with aluminium conductors, with impregnated paper insulation, aluminium-sheathed

Cables are used for laying:

- in dry premises (tunnels), ducts, cable cellars, mines, collectors, industrial and other premises
- in fire-risk premises
- with no risk of mechanical damage in operation

Fire safety code in accordance with ДСТУ 4809:2007: ПБ10000000

Products of this mark meet the requirements:

• single wire cable flame retardance

TECHNICAL SPECIFICATIONS

Rated voltage	kV	1
Number and rated area of conductors	mm²	3 x 35 + 1 x 16
Insulation thikness between conductors	mm	1.5
Insulation thikness of conductor-sheath	mm	1.25
Sheath thikness	mm	1.15
Permissible continious current rating *		
• by aerial laying	А	118
• by burial	А	126
Operating temperature range	°C	-50 +50
Minimum bending radius by laying	mm	525
Level difference along the laying rout, not more than	m	25
Metal shaeth outer diameter (for reference only)	mm	20
Rated outer diameter of the cable (for reference) **	mm	21
Cable weight (approximate)	kg/km	680
Rated factory cable length and gross weight of the delivery	m, t	# 16: 790 • 0.8
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 $^{\circ}K^{\bullet}m/W$, laying depth in the soil 0.7 m

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



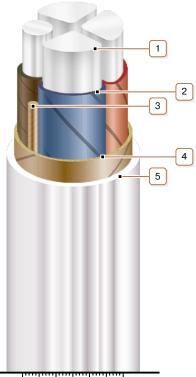


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CONSTRUCTION

- 1. Aluminium conductor
- 2. Impregnated paper insulation
- 3. Cable paper bundle
- 4. Belt insulation
- 5. Aluminium sheath

Note: Conductor twisting is not illustrated

0 5 10 15