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АСГ 4x120(ож)-1 ТУ У 27.3-00214534-091:2017



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

Cables are used for laying:

in blocks

• 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	4 x 120
Insulation thikness between conductors	mm	1.7
Insulation thikness of conductor-sheath	mm	1.45
Sheath thikness	mm	1.88
Permissible continious current rating *		
• by aerial laying	А	243
• by burial	А	231
Operating temperature range	°C	-50 +50
Minimum bending radius by laying	mm	555
Level difference along the laying rout, not more than	m	20
Metal shaeth outer diameter (for reference only)	mm	35
Rated outer diameter of the cable (for reference) **	mm	37
Cable weight (approximate)	kg/km	2650
Rated factory cable length and gross weight of the delivery	m, t	# 16a: 700 · 2.1
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 during operation in four-wire networks with load in all the conductors for the following conditions: air temperature plus 25 °C, soil temperature plus 15 °C, thermal resistivity of soil 1.2 °K · m/W, laying depth in the soil 0.7 m ** The external diameter may differ from the rated up to ± 10 %

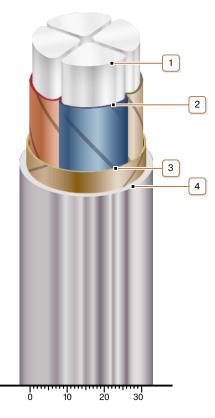




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CONSTRUCTION

- 1. Aluminium conductor
- 2. Impregnated paper insulation
- 3. Belt insulation
- 4. Lead sheath

Note: Conductor twisting is not illustrated