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ААШп 3х120-1 ТУ У 27.3-00214534-091:2017



Power cables with aluminium conductors, with impregnated paper insulation, aluminium-sheathed, with polyethylene protection hose

Cables are used for laying:

• in soil (trenches) with high corrosiveness, as well as with vagabond currents

• with no risk of mechanical damage in operation

TECHNICAL SPECIFICATIONS

Patadvaltaga	kV	1
Rated voltage		
Number and rated area of conductors	mm²	3 x 120
Insulation thikness between conductors	mm	1.7
Insulation thikness of conductor-sheath	mm	1.45
Sheath thikness	mm	1.4
Permissible continious current rating *		
• by aerial laying	А	261
• by burial	А	248
Operating temperature range	°C	-50 +50
Minimum bending radius by laying	mm	950
Level difference along the laying rout, not more than	m	25
Metal shaeth outer diameter (for reference only)	mm	31
Rated outer diameter of the cable (for reference) **	mm	38
Cable weight (approximate)	kg/km	1870
Rated factory cable length and gross weight of the delivery	m, t	# 16a: 700 • 1.6
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 $^{\circ}\!K\!\cdot\!m/W$, laying depth in the soil 0.7 m

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

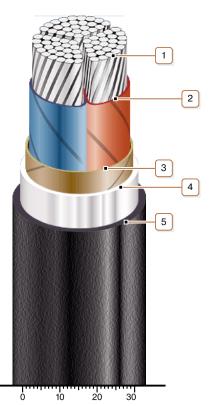




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CONSTRUCTION

- 1. Aluminium multiwire compacted conductor
- 2. Impregnated paper insulation
- 3. Belt insulation
- 4. Aluminium sheath
- 5. Pressed off polyethylene protection hose

Note: Conductor twisting is not illustrated