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ААП2л 3х70(ож)-1 ТУ У 27.3-00214534-091:2017



Power cables with aluminium conductors, with impregnated paper insulation, aluminium-sheathed, steel-wire armoured

Cables are used for laying:

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

• with a risk of mechanical damage and tensile forces in operation

TECHNICAL SPECIFICATIONS

	1.17	
Rated voltage	kV	
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	А	180
• by burial	А	184
Operating temperature range	°C	-50 +50
Minimum bending radius by laying	mm	1000
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	40
Cable weight (approximate)	kg/km	2920
Rated factory cable length and gross weight of the delivery	m, t	# 16a: 630 • 2.1
on the drums ***		# 18: 720 • 2.6
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 %

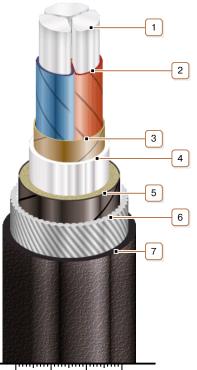




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CONSTRUCTION

- 1. Aluminium conductor
- 2. Impregnated paper insulation
- 3. Belt insulation
- 4. Aluminium sheath
- 5. Double-layer plastic-tape bedding
- 6. Round galvanized steel-wire armour
- 7. Outer covering

Note: Conductor twisting is not illustrated

0 10 20 30