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## ААБ2л 1х300-1 ГОСТ 18410-73, ТУ 16.К71-269-97



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

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 mines, non-hazardous as for gas and dust
- with a risk of mechanical damage and no tensile forces in operation

## **TECHNICAL SPECIFICATIONS**

Rated voltage	kV	1
Number and rated area of conductors	mm²	1 x 300
Insulation thikness of conductor-sheath	mm	1.8
Sheath thikness	mm	1.3
Permissible continious direct current rating *		
• by aerial laying	А	695
• by burial	А	562
Operating temperature range	°C	-50 +50
Minimum bending radius by laying	mm	925
Level difference along the laying rout, not more than	m	25
Metal shaeth outer diameter (for reference only)	mm	27
Rated outer diameter of the cable (for reference) **	mm	37
Cable weight (approximate)	kg/km	2500
Rated factory cable length and gross weight of the delivery	m, t	# 16a: 700 • 2.0
on the drums ***		
Notor		

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 °K • 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. Aluminium sheath
- 4. Double-layer plastic-tape bedding
- 5. Double steel-tape armour
- 6. Outer covering

0 10 20 30