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АСБ2л 1х120-3 ТУ 16.К71-269-97

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

Cables are used for laying:

- in soil (trenches) with high corrosiveness, as well as with vagabond currents
- · with a risk of mechanical damage and no tensile forces in operation

TECHNICAL SPECIFICATIONS

Rated voltage	kV	3
Number and rated area of conductors	mm²	1 x 120
Insulation thikness of conductor-sheath	mm	2
Sheath thikness	mm	1.11
Permissible continious direct current rating *		
 by aerial laying 	Α	387
• by burial	Α	333
Operating temperature range	°C	-50 +50
Minimum bending radius by laying	mm	750
Level difference along the laying rout, not more than	m	25
Metal shaeth outer diameter (for reference only)	mm	19
Rated outer diameter of the cable (for reference) **	mm	30
Cable weight (approximate)	kg/km	2130
Rated factory cable length and gross weight of the delivery	m, t	# 16: 420 • 1.2
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 °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. Lead sheath
- 4. Double-layer plastic-tape bedding
- 5. Double steel-tape armour
- 6. Outer covering