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АСБл 4х185(ож)-1 ТУ У 27.3-00214534-091:2017



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 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	4 x 185
Insulation thikness between conductors	mm	1.9
Insulation thikness of conductor-sheath	mm	1.55
Sheath thikness	mm	1.56
Permissible continious current rating *		
• by aerial laying	А	318
• by burial	А	292
Operating temperature range	°C	-50 +50
Minimum bending radius by laying	mm	810
Level difference along the laying rout, not more than	m	25
Metal shaeth outer diameter (for reference only)	mm	42
Rated outer diameter of the cable (for reference) **	mm	54
Cable weight (approximate)	kg/km	6290
Rated factory cable length and gross weight of the delivery	m, t	# 18: 400 • 3.0
on the drums ***		# 20: 630 • 4.6
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 %

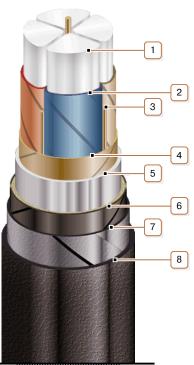




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0 10 20 30 40

CONSTRUCTION

- 1. Aluminium conductor
- 2. Impregnated paper insulation
- 3. Cable paper bundle
- 4. Belt insulation
- 5. Lead sheath
- 6. Single-layer plastic-tape bedding
- 7. Double steel-tape armour
- 8. Outer covering

Note: Conductor twisting is not illustrated