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СБГ 4x185-1 ТУ У 27.3-00214534-091:2017

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

Cables are used for laying:

- in dry premises (tunnels), ducts, cable cellars, mines, collectors, industrial and other premises, including damp, partially flooded premises, environment with medium and high corrosivenes
- in fire-risk premises
- · on technological trestles
- · on special cable bridges
- · with a risk of mechanical damage and no tensile forces in operation

Fire safety code in accordance with ДСТУ 4809:2007: ПБ100000000

Products of this mark meet the requirements:

· single wire cable flame retardance

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	1.62
Permissible continious current rating *		
• by aerial laying	Α	419
• by burial	Α	376
Operating temperature range	°C	-50 +50
Minimum bending radius by laying	mm	780
Level difference along the laying rout, not more than	m	20
Metal shaeth outer diameter (for reference only)	mm	45
Rated outer diameter of the cable (for reference) **	mm	52
Cable weight (approximate)	kg/km	11290
Rated factory cable length and gross weight of the delivery	m, t	# 18: **** 402 • 5.0
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 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 \pm 10 %

^{****} Option delivery on not full drum



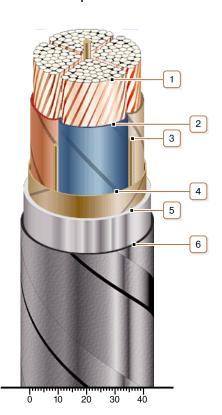




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CONSTRUCTION

- 1. Copper multiwire compact conductor
- 2. Impregnated paper insulation
- 3. Cable paper bundle
- 4. Belt insulation
- 5. Lead sheath
- 6. Double galvanized steel-tape armour

Note: Conductor twisting is not illustrated