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# СБ2лШв 3х185-10 ТУ У 27.3-00214534-091:2017

Power cables with copper conductors, with impregnated paper insulation, lead-sheathed, steel-tape armoured, with PVC-compound protection hose

Cables are used for laying:

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

• in dry premises (tunnels), ducts, cable cellars, mines, collectors, industrial and other premises, including damp, partially flooded premises, environment with medium and high corrosivenes

• 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	10
Number and rated area of conductors	mm²	3 x 185
Insulation thikness between conductors	mm	5.5
Insulation thikness of conductor-sheath	mm	4
Sheath thikness	mm	1.66
Permissible continious current rating *		
• by aerial laying	А	442
• by burial	А	352
Operating temperature range	°C	-50 +50
Minimum bending radius by laying	mm	915
Level difference along the laying rout, not more than	m	15
Metal shaeth outer diameter (for reference only)	mm	49
Rated outer diameter of the cable (for reference) **	mm	61
Cable weight (approximate)	kg/km	11210
Rated factory cable length and gross weight of the delivery	m, t	# 18: 270 • 3.5
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  $\% \cdot m/W$ , laying depth in the soil 0.7 m

\*\* The external diameter may differ from the rated up to  $\pm$  10 %



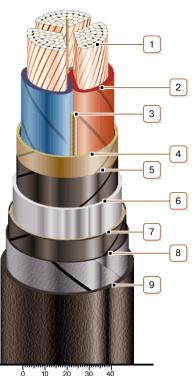


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### 10 20 30 40

## **CONSTRUCTION**

- 1. Copper multiwire compact conductor
- 2. Impregnated paper insulation
- 3. Cable paper bundle
- 4. Belt insulation
- 5. Conducting paper screen
- 6. Lead sheath
- 7. Double-layer plastic-tape bedding
- 8. Double steel-tape armour
- 9. Pressed PVC compound protection hose

Note: Conductor twisting is not illustrated