





# СБ2лГ 3х70-6 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	6
Number and rated area of conductors	mm²	3×70
Insulation thikness between conductors	mm	4
Insulation thikness of conductor-sheath	mm	2.95
Sheath thikness	mm	1.36
Permissible continious current rating *		
• by aerial laying	Α	244
• by burial	Α	236
Operating temperature range	°C	-50 +50
Minimum bending radius by laying	mm	570
Level difference along the laying rout, not more than	m	15
Metal shaeth outer diameter (for reference only)	mm	32
Rated outer diameter of the cable (for reference) **	mm	38
Cable weight (approximate)	kg/km	4820
Rated factory cable length and gross weight of the delivery	m, t	# 16a: 700 • 3.6
on the drums ***		

#### Notes

When ordering it is neccesary to agree the factory length of the product with the manufacturer

<sup>\*</sup> 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

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



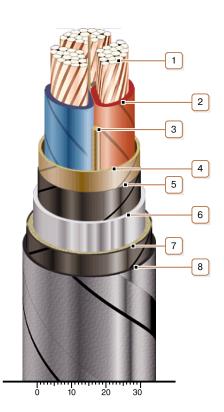




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## **CONSTRUCTION**

- 1. Copper multiwire compact conductor
- 2. Impregnated paper insulation
- 3. Cable paper bundle
- 4. Belt insulation
- 5. Conducting paper screen
- 6. Lead sheath
- 7. Single-layer plastic-tape bedding
- 8. Double galvanized steel-tape armour

Note: Conductor twisting is not illustrated