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## ЦСПлШнг 3x50(ож)-10 ТУ У 27.3-00214534-091:2017

Power cables with copper conductors, with non-draining impregnated paper insulation, lead-sheathed, steel-wire armoured, with low-flammable PVC-compound protection hose

Cables are used for laying:

- · without level difference limitation
- · in soil (trenches) with medium corrosiveness, as well as with vagabond currents
- · with a risk of mechanical damage and tensile forces in operation
- · in bunches

Fire safety code in accordance with ДСТУ 4809:2007: ПБ120000000

Products of this mark meet the requirements:

- · single wire cable flame retardance
- · bunched cable flame retardance category A

## **TECHNICAL SPECIFICATIONS**

Rated voltage	kV	10
Number and rated area of conductors	mm²	3 x 50
Insulation thikness between conductors	mm	5.5
Insulation thikness of conductor-sheath	mm	4
Sheath thikness	mm	1.36
Permissible continious current rating *		
• by aerial laying	Α	175
• by burial	Α	176
Operating temperature range	°C	-50 +50
Minimum bending radius by laying	mm	705
Metal shaeth outer diameter (for reference only)	mm	30
Rated outer diameter of the cable (for reference) **	mm	47
Cable weight (approximate)	kg/km	5720
Rated factory cable length and gross weight of the delivery	m, t	# 16a: 440 • 2.8
on the drums ***		# 18: 500 • 3.3

#### 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 %



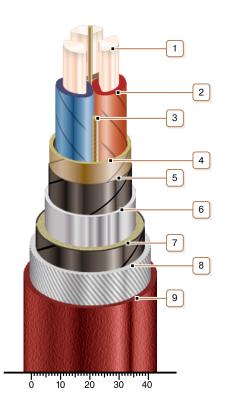




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## CONSTRUCTION

- 1. Copper 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. Round galvanized steel-wire armour
- 9. Pressed off low-flammable PVC compound protection hose

Note: Conductor twisting is not illustrated