



ЦБШВ 3x50(ож)-6 ТУ У 27.3-00214534-091:2017

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

Cables are used for laying:

- *without level difference limitation*
- *in soil (trenches) with high corrosiveness without vagabond currents*
- *in soil (trenches) with medium corrosiveness, as well as with vagabond currents*
- *in fire-risk premises*
- *on technological trestles*
- *on special cable bridges*
- *in mines, non-hazardous as for gas and dust*
- *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	mm ²	3 x 50
Insulation thickness between conductors	mm	4
Insulation thickness of conductor-sheath	mm	2.95
Sheath thickness	mm	1.26
Permissible continuous current rating *		
• <i>by aerial laying</i>	A	200
• <i>by burial</i>	A	197
Operating temperature range	°C	-50 ... +50
Minimum bending radius by laying	mm	585
Metal sheath outer diameter (for reference only)	mm	26
Rated outer diameter of the cable (for reference) **	mm	39
Cable weight (approximate)	kg/km	3950
Rated factory cable length and gross weight of the delivery on the drums ***	m, t	# 16a: 630 · 2.7

Notes:

When ordering it is necessary 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 °K·m/W, laying depth in the soil 0.7 m

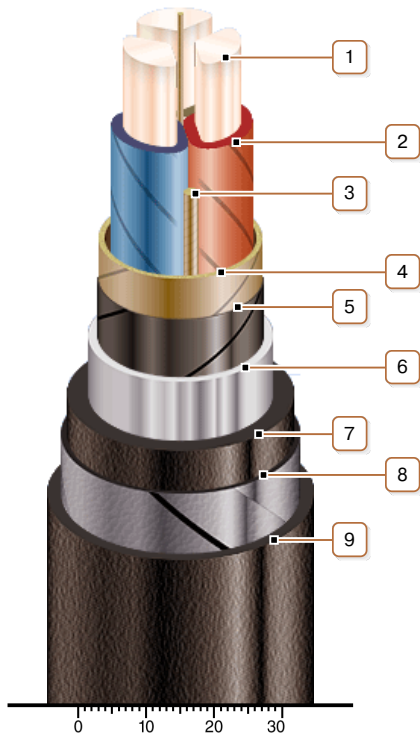
** The external diameter may differ from the rated up to ± 10 %



ЦБШВ 3x50(ож)-6 ТУ У 27.3-00214534-091:2017

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

CONSTRUCTION



1. Copper conductor
2. Impregnated paper insulation
3. Cable paper bundle
4. Belt insulation
5. Conducting paper screen
6. Lead sheath
7. Bedding with PVC compound moulded-in hose
8. Double galvanized steel-tape armour
9. Pressed PVC compound protection hose

Note: Conductor twisting is not illustrated