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## СПлШнг 3x70+1x35-1 ТУ У 27.3-00214534-091:2017



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

Cables are used for laying:

- 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	1
Number and rated area of conductors	mm²	3 x 70 + 1 x 35
Insulation thikness between conductors	mm	1.5
Insulation thikness of conductor-sheath	mm	1.25
Sheath thikness	mm	1.26
Permissible continious current rating *		
• by aerial laying	А	247
• by burial	А	241
Operating temperature range	°C	-50 +50
Minimum bending radius by laying	mm	660
Level difference along the laying rout, not more than	m	20
Metal shaeth outer diameter (for reference only)	mm	28
Rated outer diameter of the cable (for reference) **	mm	44
Cable weight (approximate)	kg/km	6060
Rated factory cable length and gross weight of the delivery	m, t	# 16a: 520 • 3.4
on the drums ***		# 18: 600 • 4.1
Notes:		

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 %

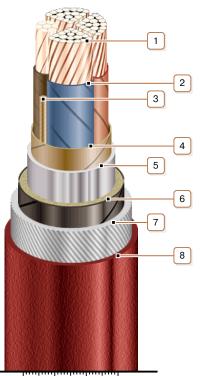




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## **CONSTRUCTION**

- 1. Copper multiwire compact conductor
- 2. Impregnated paper insulation
- 3. Cable paper bundle
- 4. Belt insulation
- 5. Lead sheath
- 6. Single-layer plastic-tape bedding
- 7. Round galvanized steel-wire armour
- 8. Pressed off low-flammable PVC compound protection hose

Note: Conductor twisting is not illustrated

0 10 20 30