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СПл 3х70-1 ТУ У 27.3-00214534-091:2017

Power cables with copper conductors, with impregnated paper insulation, lead-sheathed, steel-wire armoured

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

TECHNICAL SPECIFICATIONS

Rated voltage	kV	1
Number and rated area of conductors	mm²	3 x 70
Insulation thikness between conductors	mm	1.5
Insulation thikness of conductor-sheath	mm	1.25
Sheath thikness	mm	1.21
Permissible continious current rating *		
by aerial laying	Α	247
• by burial	Α	241
Operating temperature range	°C	-50 +50
Minimum bending radius by laying	mm	615
Level difference along the laying rout, not more than	m	20
Metal shaeth outer diameter (for reference only)	mm	26
Rated outer diameter of the cable (for reference) **	mm	41
Cable weight (approximate)	kg/km	5000
Rated factory cable length and gross weight of the delivery	m, t	# 16a: 570 • 3.1
on the drums ***		# 18: 660 • 3.8

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 °K • m/W, laying depth in the soil 0.7 m

^{**} The external diameter may differ from the rated up to \pm 10 %



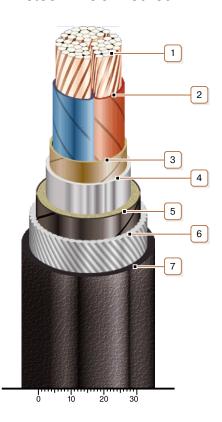




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CONSTRUCTION

- 1. Copper multiwire compact conductor
- 2. Impregnated paper insulation
- 3. Belt insulation
- 4. Lead sheath
- 5. Single-layer plastic-tape bedding
- 6. Round galvanized steel-wire armour
- 7. Outer covering

Note: Conductor twisting is not illustrated