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ЦААБнлШнг 3х150-6 ТУ У 27.3-00214534-091:2017



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

Cables are used for laying:

- without level difference limitation
- in fire-risk premises
- on technological trestles
- with a risk of mechanical damage and no tensile forces in operation
- in bunches

Fire safety code in accordance with ДСТУ 4809:2007: ΠБ120000000 Products of this mark meet the requirements:

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

TECHNICAL SPECIFICATIONS

Rated voltage	kV	6
Number and rated area of conductors	mm²	3 x 150
Insulation thikness between conductors	mm	4
Insulation thikness of conductor-sheath	mm	2.95
Sheath thikness	mm	1.55
Permissible continious current rating *		
• by aerial laying	А	285
• by burial	А	275
Operating temperature range	°C	-50 +50
Minimum bending radius by laying	mm	1300
Metal shaeth outer diameter (for reference only)	mm	39
Rated outer diameter of the cable (for reference) **	mm	52
Cable weight (approximate)	kg/km	4140
Rated factory cable length and gross weight of the delivery	m, t	# 18: 430 · 2.2
on the drums ***		# 20: 680 • 3.5
Notoo:		

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 %

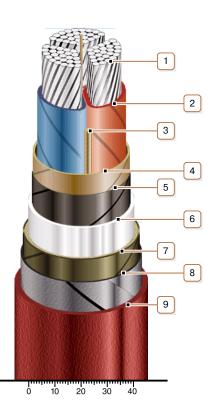




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CONSTRUCTION

- 1. Aluminium multiwire compacted conductor
- 2. Impregnated paper insulation
- 3. Cable paper bundle
- 4. Belt insulation
- 5. Conducting paper screen
- 6. Aluminium sheath
- 7. Plastic-tape and glass-tape bedding
- 8. Double galvanized steel-tape armour
- 9. Pressed off low-flammable PVC compound protection hose

Note: Conductor twisting is not illustrated