153801-012004000095

СГ 4x95-1
ТУ У 27.3-00214534-091:2017

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

Cables are used for laying:
- *in blocks*
- *with no risk of mechanical damage 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	1
Number and rated area of conductors	mm^2	4 x 95
Insulation thikness between conductors	mm	1.5
Insulation thikness of conductor-sheath	mm	1.25
Sheath thikness	mm	1.88
Permissible continious current rating *		
· *by aerial laying*	A	280
· *by burial*	A	267
Operating temperature range	˚C	-50 … +50
Minimum bending radius by laying	mm	525
Level difference along the laying rout, not more than	m	20
Metal shaeth outer diameter (for reference only)	mm	33
Rated outer diameter of the cable (for reference) **	mm	35
Cable weight (approximate)	kg/km	5800
Rated factory cable length and gross weight of the delivery on the drums ***	m, t	# 16a: 780 · 4.8

Notes:

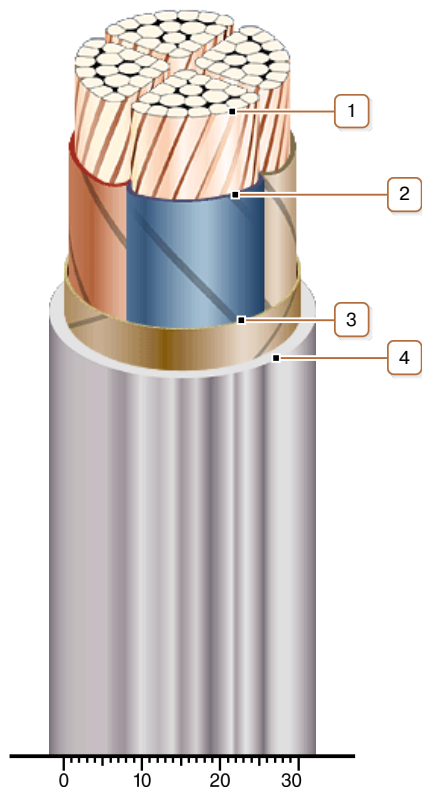*When ordering it is neccesary to agree the factory length of the product with the manufacturer*

* Long permissible current loads are calculated during operation in four-wire networks with load in all the conductors 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 %

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CONSTRUCTION

1. *Copper multiwire compact conductor*
2. *Impregnated paper insulation*
3. *Belt insulation*
4. *Lead sheath*

Note: Conductor twisting is not illustrated