



B3KB 3x240-1 **TY Y 31.3-00214534-016-2003**

Power cables with copper conductors, with PVC compound insulation, with filling of intermediate spaces between the conductors, round-steel-wire armoured, with PVC compound outer sheath

Cables are used for laying:

- *single laying*
- *in premises, dry ducts and tunnels, in corrosive environment*
- *in places, where intense tensile forces are possible (in cable lifting, in bulk, heaving, boggy, everfrost soils)*

Manufacturing of cables with a different number and different design of conductors is possible

Manufacturing of single-phase cables with aluminium-wire armour is possible

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	3 x 240
Phase insulation thickness	mm	2.2
Aarmor wire diameter	mm	2.8
Permissible continious current rating (AC of industrial frequency) *		
• <i>by aerial laying</i>	A	472
• <i>by burial</i>	A	471
Maximum permissible conductor temperature		
• <i>Continuous</i>	°C	+70
• <i>at short circuit</i>	°C	+160
Operating temperature range	°C	-50 ... +50
Minimum bending radius by laying	mm	488
Rated outer diameter of the cable (for reference) **	mm	61
Cable weight (approximate)	kg/km	11490
Rated factory cable length and gross weight of the delivery on the drums	m, t	# 18: 270 • 3.6
		# 20: 440 • 5.7

Notes:

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

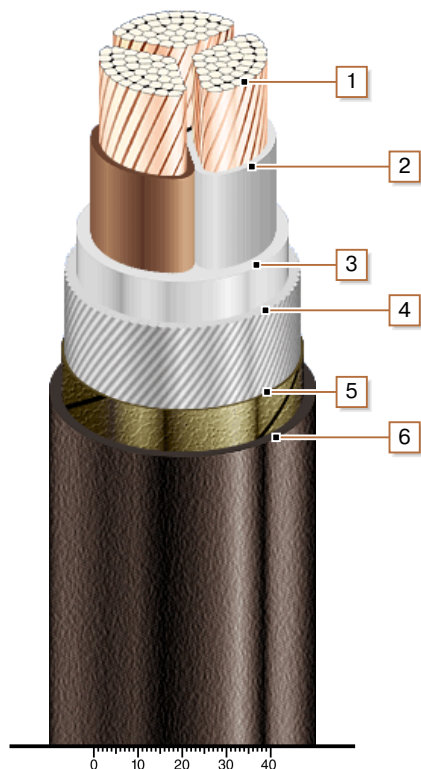
** Long permissible current loads are calculated for the following conditions: air temperature plus 25 °C, soil temperature plus 15 °C, thermal resistivity of soil 1.2 °K·m/W, laying depth in the soil 0.7 m*

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



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CONSTRUCTION

1. Copper multiwire compact conductor
2. PVC compound insulation
3. PVC compound belt insulation
4. Round galvanized steel-wire armour
5. Lapping layer of nonwoven cloth tape
6. PVC compound outer sheath

Note: conductor twisting is not illustrated