



АСБГ 3x240-10 TY Y 27.3-00214534-091:2017

Power cables with aluminium conductors, with impregnated paper insulation, lead-sheathed, steel-tape armoured

Cables are used for laying:

- in dry premises (tunnels), ducts, cable cellars, mines, collectors, industrial and other premises, including damp, partially flooded premises, environment with medium and high corrosiveness
- in fire-risk premises
- on technological trestles
- on special cable bridges
- with a risk of mechanical damage and no tensile forces 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	10
Number and rated area of conductors	mm ²	3 x 240
Insulation thickness between conductors	mm	5.5
Insulation thickness of conductor-sheath	mm	4
Sheath thickness	mm	1.76
Permissible continuous current rating *		
• by aerial laying	A	347
• by burial	A	314
Operating temperature range	°C	-50 ... +50
Minimum bending radius by laying	mm	885
Level difference along the laying rout, not more than	m	15
Metal sheath outer diameter (for reference only)	mm	52
Rated outer diameter of the cable (for reference) **	mm	59
Cable weight (approximate)	kg/km	7740
Rated factory cable length and gross weight of the delivery on the drums ***	m, t	# 18: 320 • 2.9 # 20: 510 • 4.6

Notes:

When ordering it is necessary 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

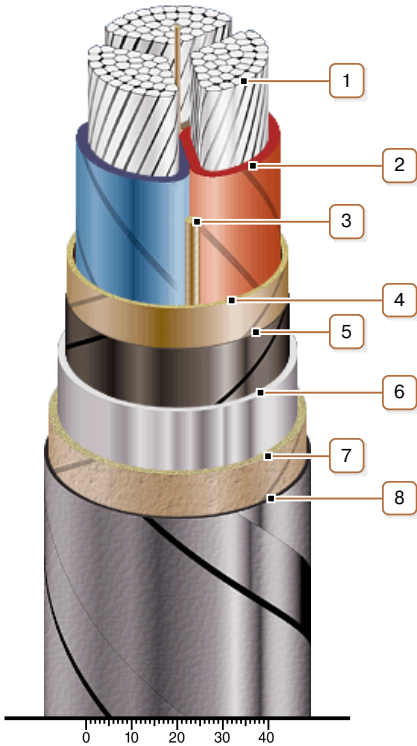
** The external diameter may differ from the rated up to ± 10 %



АСБГ 3x240-10
ТУ У 27.3-00214534-091:2017

Power cables with aluminium conductors, with impregnated paper insulation, lead-sheathed, steel-tape armoured

CONSTRUCTION



1. Aluminium multiwire compacted conductor
2. Impregnated paper insulation
3. Cable paper bundle
4. Belt insulation
5. Conducting paper screen
6. Lead sheath
7. Bedding
8. Double galvanized steel-tape armour

Note: Conductor twisting is not illustrated