7, Autogennaya Str., Kharkov, 61099, Ukraine. Phone: (+38-057) 728-1244, 728-1241. Fax: (+38-057) 728-1243, (+38-0572) 946-830
E-mail: market@yuzhcable.com.ua

152501-011003000120

АСБГ 3х120(ож)-1
ТУ У 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 corrosivenes*
- *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	1
Number and rated area of conductors	mm^2	3 x 120
Insulation thikness between conductors	mm	1.7
Insulation thikness of conductor-sheath	mm	1.45
Sheath thikness	mm	1.32
Permissible continious current rating *		
• *by aerial laying*	A	261
• *by burial*	A	248
Operating temperature range	˚C	-50 ... +50
Minimum bending radius by laying	mm	555
Level difference along the laying rout, not more than	m	25
Metal shaeth outer diameter (for reference only)	mm	29
Rated outer diameter of the cable (for reference) **	mm	37
Cable weight (approximate)	kg/km	3350
Rated factory cable length and gross weight of the delivery on the drums ***	m, t	# 16a: 700 • 2.6

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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АСБГ 3х120(ож)-1
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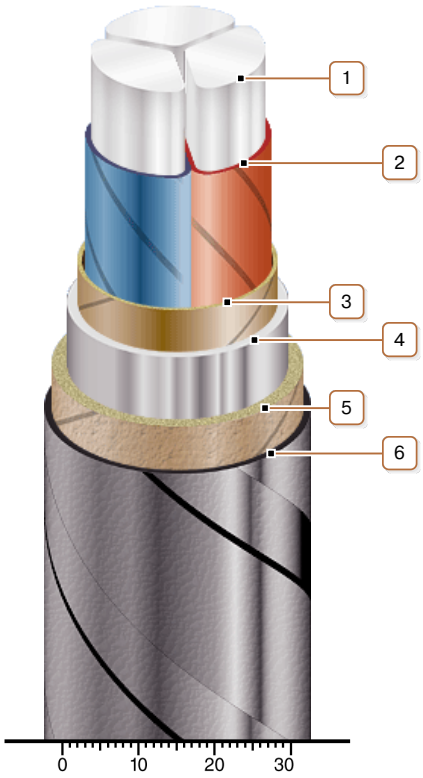
Power cables with aluminium conductors, with impregnated paper insulation, lead-sheathed, steel-tape armoured



CONSTRUCTION

1. *Aluminium conductor*
2. *Impregnated paper insulation*
3. *Belt insulation*
4. *Lead sheath*
5. *Bedding*
6. *Double galvanized steel-tape armour*

Note: Conductor twisting is not illustrated

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