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## АПвБВнг 3x25 (ож)-1 ТУ У 31.3-00214534-018-2003



Power cables with aluminium conductors, XLPE-insulated, galvanized steel-tape armoured, with low-flammable PVC-compound outer sheath

Cables are used for laying:

- in bunches
- in premises, dry ducts and tunnels, in corrosive environment
- in places, where small mechanical impacts on cable are possible, including tensile forces

Manufacturing of cable with PVC compound belt insulation is possible

Fire safety code in accordance with **ДСТУ** 4809:2007: ПБ120000000 Products of this mark meet the requirements:

· single wire cable flame retardance

· bunched cable flame retardance category A

## **TECHNICAL SPECIFICATIONS**

Data divalta sa		
Rated voltage	kV	
Number and rated area of conductors	mm²	3 x 25
Phase insulation thikness	mm	0.9
Permissible continious current rating (AC of industrial frequency)	*	
• by aerial laying	А	108
• by burial	А	112
Maximum permissible conductor temperature		
Continious	°C	+90
in emergency operation	°C	+130
at short circuit	°C	+250
Operating temperature range	°C	-50 +50
Minimum bending radius by laying	mm	187.5
Rated outer diameter of the cable (for reference) **	mm	25
Cable weight (approximate)	kg/km	670
Rated factory cable length and gross weight of the delivery	m, t	# 14: 930 • 0.8
on the drums ***		

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 %



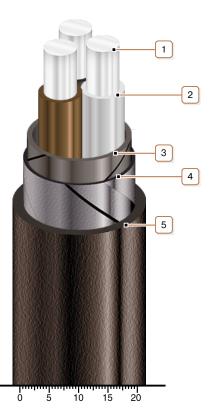


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## CONSTRUCTION

- 1. Aluminium conductor
- 2. XLPE insulation
- 3. Tape core wrapping
- 4. Double galvanized steel-tape armour
- 5. Low flammable PVC compound outer sheath

Note: Conductor twisting is not illustrated