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АВБбШв 4х4 (ож)-1 ГОСТ 16442-80,ТУ У 31.3-00214534-048:2007

Power cables with aluminium conductors, with PVC-compound insulation, galvanized steel-tape armoured, with low-flammable PVC-compound protection hose

Cables are used for laying:

single laying

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

Manufacturing of non-galvanized armoured cable, covered with a layer of bitumen and PET film is possible

Fire safety code in accordance with ДСТУ 4809:2007: ΠБ100000000 Products of this mark meet the requirements:

• single wire cable flame retardance

TECHNICAL SPECIFICATIONS

Rated voltage	kV	1
Number and rated area of conductors	mm²	4 x 4
Phase insulation thikness	mm	1
Permissible continious current rating (AC of industrial frequency) *		
• by aerial laying	А	26
• by burial	А	34
Maximum permissible conductor temperature		
Continious	°C	+70
in emergency operation	°C	+90
at short circuit	°C	+160
Operating temperature range	°C	-50 +50
Minimum bending radius by laying	mm	142.5
Rated outer diameter of the cable (for reference) **	mm	19
Cable weight (approximate)	kg/km	470
Rated factory cable length and gross weight of the delivery	m, t	# 12: 910 · 0.5
on the drums ***		

Notes:

* 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 %

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



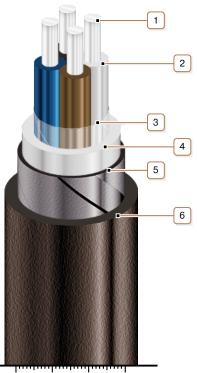


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CONSTRUCTION

- 1. Aluminium conductor
- 2. PVC compound insulation
- 3. PET film winding
- 4. PVC compound belt insulation
- 5. Double galvanized steel-tape armour
- 6. Pressed PVC compound protection hose

Note: Conductor twisting is not illustrated

0 5 10 15