180131-130100100000

АПвВГ 3х10 (ож)-1
ТУ У 31.3-00214534-048:2007

Power cables with aluminium conductors, XLPE-insulated, with PVC-compound outer sheath

Cables are used for laying:
· *single laying*
· *in premises, dry ducts and tunnels, in corrosive environment*

Manufacturing of cable with PVC compound belt insulation 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 10
Phase insulation thikness	mm	0.7
Permissible continious current rating (AC of industrial frequency) *		
· *by aerial laying*	A	58
· *by burial*	A	67
Maximum permissible conductor temperature		
· *Continious*	℃	+90
· *in emergency operation*	℃	+130
· *at short circuit*	℃	+250
Operating temperature range	℃	-50 … +50
Minimum bending radius by laying	mm	112.5
Rated outer diameter of the cable (for reference) **	mm	15
Cable weight (approximate)	kg/km	190
Rated factory cable length and gross weight of the delivery on the drums ***	m, t	# 12: 1450 · 0.4

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 ℃, soil temperature plus 15 ℃,

thermal resistivity of soil 1.2 ℃·m/W, laying depth in the soil 0.7 m

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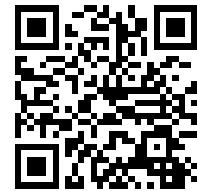
YUZHCABLE

PRODUCTION GUIDE

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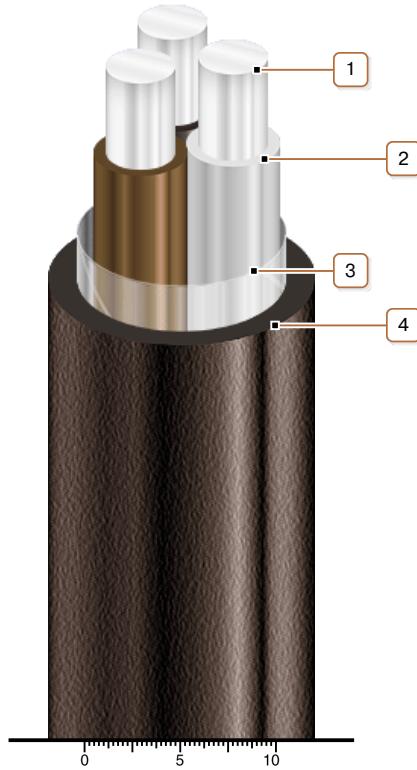
CONSTRUCTION

1. *Aluminium conductor*
2. *XLPE insulation*
3. *PET film winding*
4. *PVC compound outer sheath*

Note: Conductor twisting is not illustrated