180802-120060100000

NAYY-O 2x6 RE-0.6/1
DIN VDE 0276-603

Power cables with aluminium conductors, with PVC-compound insulation, with PVC-compound outer sheath

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

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	2 x 6
Phase insulation thikness	mm	1
Permissible continious current rating (AC of industrial frequency) *		
· *by aerial laying*	A	37
· *by burial*	A	44
Maximum permissible conductor temperature		
· *Continious*	℃	+70
· *in emergency operation*	℃	+90
· *at short circuit*	℃	+160
Operating temperature range	℃	-50 … +50
Minimum bending radius by laying	mm	119.25
Rated outer diameter of the cable (for reference) **	mm	15.9
Cable weight (approximate)	kg/km	410
Rated factory cable length and gross weight of the delivery on the drums ***	m, t	# 12: 1450 · 0.7

Notes:

When ordering it is neccesary to agree the factory length of the product with the manufacturer
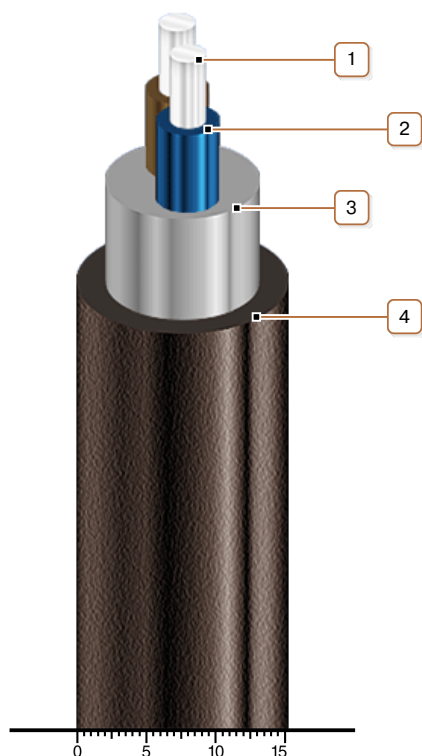
* Long permissible current loads are calculated for the following conditions: air temperature plus 25 ℃, soil temperature plus 15 ℃,

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 %

180802-120060100000

NAYY-O 2x6 RE-0.6/1
DIN VDE 0276-603

Power cables with aluminium conductors, with PVC-compound insulation, with PVC-compound outer sheath

CONSTRUCTION

1. *Aluminium conductor*
2. *PVC compound insulation*
3. *PVC compound inner sheath*
4. *PVC compound outer sheath*