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

180115-111200200000

ВВГнг 1х120-1
ТУ У 31.3-00214534-018-2003

Power cables with copper conductors, with PVC-compound insulation, with low-flammable PVC-compound outer sheath

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

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

Rated voltage	kV	1
Number and rated area of conductors	mm^2	1 x 120
Phase insulation thikness	mm	1.6
Permissible continious current rating (AC of industrial frequency) *		
• *by aerial laying*	A	326
• *by burial*	A	324
Permissible continious current rating (DC) *		
• *by aerial laying*	A	413
• *by burial*	A	499
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	210
Rated outer diameter of the cable (for reference) **	mm	21
Cable weight (approximate)	kg/km	1300
Rated factory cable length and gross weight of the delivery on the drums ***	m, t	# 14: 1300 • 1.9

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 %*

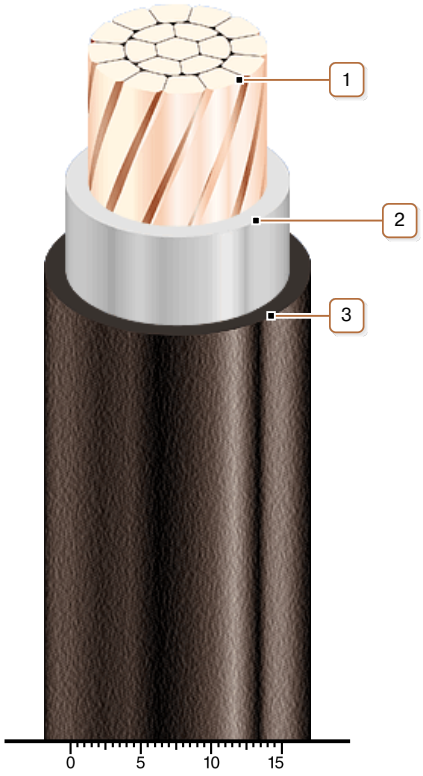
© 2024 PJSC Yuzhcable Works. © 2024 A. Kevorkyan

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

180115-111200200000

ВВГнг 1х120-1
ТУ У 31.3-00214534-018-2003

Power cables with copper conductors, with PVC-compound insulation, with low-flammable PVC-compound outer sheath



CONSTRUCTION

1. Copper multiwire compact conductor
2. PVC compound insulation
3. Low flammable PVC compound outer sheath

© 2024 PJSC Yuzhcable Works. © 2024 A. Kevorkyan