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

151801-011003000095

ААП2лШнг 3х95(ож)-1
ТУ У 27.3-00214534-091:2017

Power cables with aluminium conductors, with impregnated paper insulation, aluminium-sheathed, steel-wire armoured, with low-flammable PVC-compound protection hose

Cables are used for laying:

- *in dry premises (tunnels), ducts, cable cellars, mines, collectors, industrial and other premises, including damp, partially flooded premises, environment with medium and high corrosivenes*
- *in fire-risk premises*
- *on technological trestles*
- *with a risk of mechanical damage and tensile forces in operation*
- *in bunches*

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	3 x 95
Insulation thikness between conductors	mm	1.5
Insulation thikness of conductor-sheath	mm	1.25
Sheath thikness	mm	1.3
Permissible continious current rating *		
• *by aerial laying*	A	218
• *by burial*	A	219
Operating temperature range	˚C	-50 ... +50
Minimum bending radius by laying	mm	1075
Level difference along the laying rout, not more than	m	25
Metal shaeth outer diameter (for reference only)	mm	26
Rated outer diameter of the cable (for reference) **	mm	43
Cable weight (approximate)	kg/km	3530
Rated factory cable length and gross weight of the delivery on the drums ***	m, t	# 16a: 520 • 2.1 # 18: 600 • 2.6

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

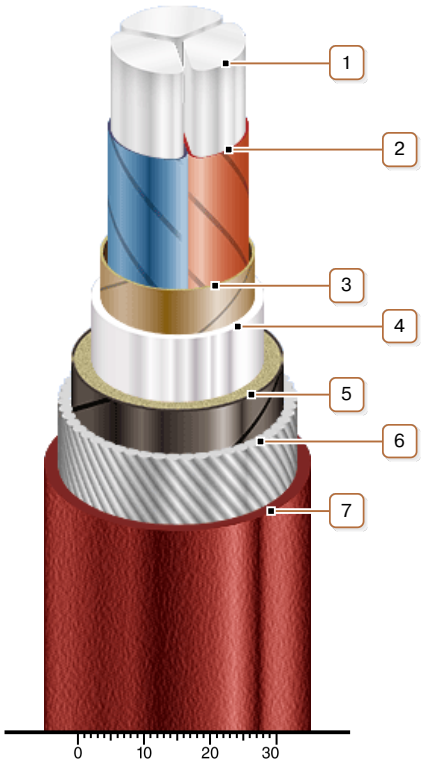
YUZHCABLE
PRODUCTION GUIDE

151801-011003000095

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

ААП2лШнг 3х95(ож)-1
ТУ У 27.3-00214534-091:2017

Power cables with aluminium conductors, with impregnated paper insulation, aluminium-sheathed, steel-wire armoured, with low-flammable PVC-compound protection hose



CONSTRUCTION

1. Aluminium conductor
2. Impregnated paper insulation
3. Belt insulation
4. Aluminium sheath
5. Double-layer plastic-tape bedding
6. Round galvanized steel-wire armour
7. Pressed off low-flammable PVC compound protection hose

Note: Conductor twisting is not illustrated

© 2024 PJSC Yuzhcable Works. © 2024 A. Kevorkyan