





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

ААШв 3x150+1x70-1 ТУ У 27.3-00214534-091:2017

Power cables with aluminium conductors, with impregnated paper insulation, aluminium-sheathed, with PVC-compound protection hose

Cables are used for laying:

- · in soil (trenches) with high corrosiveness without vagabond currents
- · in soil (trenches) with medium corrosiveness, as well as with vagabond currents
- 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 special cable bridges
- · on bridges
- · in mines, non-hazardous as for gas and dust
- · with no risk of mechanical damage in operation

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	mm²	3 x 150 + 1 x 70
Insulation thikness between conductors	mm	1.7
Insulation thikness of conductor-sheath	mm	1.45
Sheath thikness	mm	1.55
Permissible continious current rating *		
• by aerial laying	Α	300
• by burial	Α	281
Operating temperature range	°C	-50 +50
Minimum bending radius by laying	mm	1175
Level difference along the laying rout, not more than	m	25
Metal shaeth outer diameter (for reference only)	mm	40
Rated outer diameter of the cable (for reference) **	mm	47
Cable weight (approximate)	kg/km	2900
Rated factory cable length and gross weight of the delivery	m, t	# 18: 500 • 1.9
on the drums ***		

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 \pm 10 %



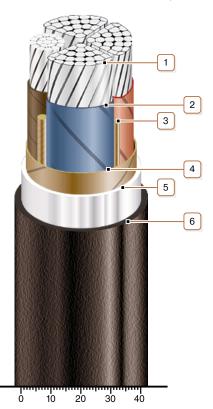




7, Autogennaya Str., Kharkov, 61099, Ukraine. Phone: (+38-057) 728-1244, 728-1241. Fax: (+38-057) 728-1243, (+38-0572) 946-830 E-mail: market@yuzhcable.com.ua

ААШв 3x150+1x70-1 ТУ У 27.3-00214534-091:2017

Power cables with aluminium conductors, with impregnated paper insulation, aluminium-sheathed, with PVC-compound protection hose



CONSTRUCTION

- 1. Aluminium multiwire compacted conductor
- 2. Impregnated paper insulation
- 3. Cable paper bundle
- 4. Belt insulation
- 5. Aluminium sheath
- 6. Pressed PVC compound protection hose

Note: Conductor twisting is not illustrated