



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

ААШп 4x150-1 ТУ У 27.3-00214534-091:2017



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

Cables are used for laying:

• in soil (trenches) with high corrosiveness, as well as with vagabond currents

• with no risk of mechanical damage in operation

TECHNICAL SPECIFICATIONS

Rated voltage	kV	1
Number and rated area of conductors	mm²	4 x 150
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	А	279
• by burial	А	261
Operating temperature range	°C	-50 +50
Minimum bending radius by laying	mm	1150
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	46
Cable weight (approximate)	kg/km	2970
Rated factory cable length and gross weight of the delivery	m, t	# 18: 550 • 2.1
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 during operation in four-wire networks with load in all the conductors 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 %

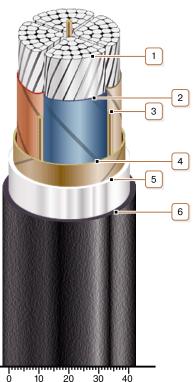




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CONSTRUCTION

- 1. Aluminium multiwire compacted conductor
- 2. Impregnated paper insulation
- 3. Cable paper bundle
- 4. Belt insulation
- 5. Aluminium sheath

6. Pressed off polyethylene protection hose

Note: Conductor twisting is not illustrated

10 20 30 40