



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

АСШв 3х185-6 ТУ У 27.3-00214534-091:2017



Power cables with aluminium conductors, with impregnated paper insulation, lead-sheathed, with 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

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	6
Number and rated area of conductors	mm²	3 x 185
Insulation thikness between conductors	mm	4
Insulation thikness of conductor-sheath	mm	2.95
Sheath thikness	mm	1.62
Permissible continious current rating *		
• by aerial laying	А	333
• by burial	А	307
Operating temperature range	°C	-50 +50
Minimum bending radius by laying	mm	780
Level difference along the laying rout, not more than	m	15
Metal shaeth outer diameter (for reference only)	mm	45
Rated outer diameter of the cable (for reference) **	mm	52
Cable weight (approximate)	kg/km	5240
Rated factory cable length and gross weight of the delivery	m, t	# 18: 430 • 2.7
on the drums ***		# 20: 680 • 4.2
Notos:		

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 $^{\circ}K^{\bullet}m/W$, laying depth in the soil 0.7 m

 ** The external diameter may differ from the rated up to \pm 10 %

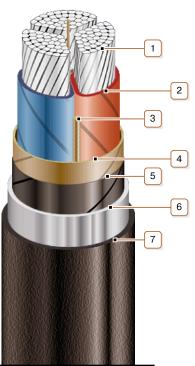




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0 10 20 30 40

CONSTRUCTION

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

Note: Conductor twisting is not illustrated