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

150801-012003010095

ААБ2л 3х95+1х50-1
ТУ У 27.3-00214534-091:2017

Power cables with aluminium conductors, with impregnated paper insulation, aluminium-sheathed, steel-tape armoured

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 mines, non-hazardous as for gas and dust*
- *with a risk of mechanical damage and no tensile forces in operation*

TECHNICAL SPECIFICATIONS

Rated voltage	kV	1
Number and rated area of conductors	mm^2	3 x 95 + 1 x 50
Insulation thikness between conductors	mm	1.5
Insulation thikness of conductor-sheath	mm	1.25
Sheath thikness	mm	1.4
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	1050
Level difference along the laying rout, not more than	m	25
Metal shaeth outer diameter (for reference only)	mm	31
Rated outer diameter of the cable (for reference) **	mm	42
Cable weight (approximate)	kg/km	2860
Rated factory cable length and gross weight of the delivery on the drums ***	m, t	# 16a: 570 • 1.9 # 18: 660 • 2.3

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 %*

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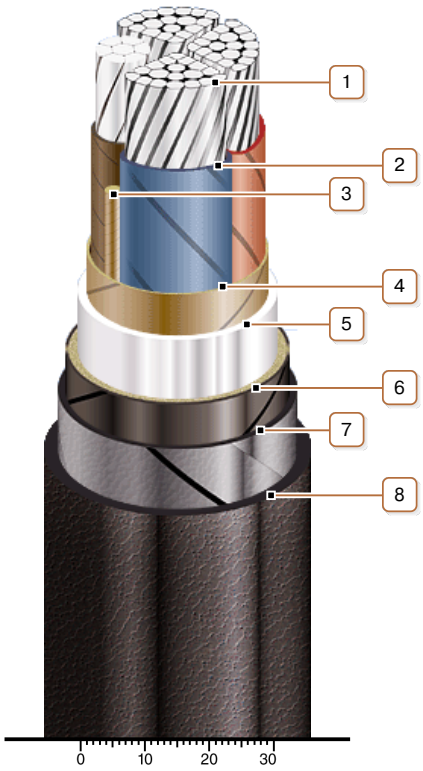

CONSTRUCTION

1. *Aluminium multiwire compacted conductor*
2. *Impregnated paper insulation*
3. *Cable paper bundle*
4. *Belt insulation*
5. *Aluminium sheath*
6. *Double-layer plastic-tape bedding*
7. *Double steel-tape armour*
8. *Outer covering*

Note: Conductor twisting is not illustrated