PRODUCTION GUIDE
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

## АСБл $3 \times 185+1 \times 95-1$ <br> ТУ У 27.3-00214534-091:2017

Power cables with aluminium conductors, with impregnated paper insulation, lead-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 | $\mathrm{mm}^{2}$ | $3 \times 185+1 \times 95$ |
| Insulation thikness between conductors | mm | 1.9 |
| Insulation thikness of conductor-sheath | mm | 1.55 |
| Sheath thikness | mm | 1.62 |
| Permissible continious current rating * |  |  |
| $\cdot$ by aerial laying | A | 342 |
| $\cdot$ by burial | A | 314 |
| Operating temperature range | ${ }^{\circ} \mathrm{C}$ | $-50 \ldots+50$ |
| Minimum bending radius by laying | mm | 840 |
| Level difference along the laying rout, not more than | m | 25 |
| Metal shaeth outer diameter (for reference only) | mm | 45 |
| Rated outer diameter of the cable (for reference) ${ }^{* *}$ | mm | 56 |
| Cable weight (approximate) | $\mathrm{kg} / \mathrm{km}$ | 6590 |
| Rated factory cable length and gross weight of the delivery | $\mathrm{m}, \mathrm{t}$ | $\# 18: 370 \cdot 2.9$ |
| on the drums |  | $\# 20: 590 \cdot 4.5$ |

## 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 $25^{\circ} \mathrm{C}$, soil temperature plus $15{ }^{\circ} \mathrm{C}$, thermal resistivity of soil $1.2{ }^{\circ} \mathrm{K} \cdot \mathrm{m} / \mathrm{W}$, laying depth in the soil 0.7 m
** The external diameter may differ from the rated up to $\pm 10 \%$

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## CONSTRUCTION

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

Note: conductor twisting is not illustrated

