





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

AB3KB 3x185-1 ТУ У 31.3-00214534-016-2003

Power cables with aluminium conductors, with PVC compound insulation, with filling of intermediate spaces between the conductors, round-steel-wire armoured, with PVC compound outer sheath

Cables are used for laying:

- single laying
- in premises, dry ducts and tunnels, in corrosive environment
- in places, where intense tensile forces are possible (in cable lifting, in bulk, heaving, boggy, everfrost soils)

Manufacturing of cables with a different number and different design of conductors is possible Manufacturing of single-phase cables with aluminium-wire armour is possible

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 185 |
| Phase insulation thikness | mm | 2 |
| Armor wire diameter | mm | 2.8 |
| Permissible continious current rating (AC of industrial frequency) | * | |
| • by aerial laying | Α | 302 |
| • by burial | Α | 312 |
| Maximum permissible conductor temperature | | |
| Continious | °C | +70 |
| at short circuit | °C | +160 |
| Operating temperature range | °C | -50 +50 |
| Minimum bending radius by laying | mm | 448 |
| Rated outer diameter of the cable (for reference) ** | mm | 56 |
| Cable weight (approximate) | kg/km | 5980 |
| Rated factory cable length and gross weight of the delivery | m, t | # 18: 370 • 2.7 |
| on the drums *** | | # 20: 590 • 4.2 |
| | | |

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 \cdot m/W, laying depth in the soil 0.7 m

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



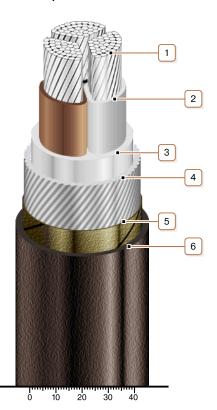




7, Autogennaya Str., Kharkov, 61099, Ukraine. Phone: (+38-057) 728-1244, 728-1241. Fax: (+38-057) 728-1243, (+38-0572) 946-830 E-mail: market@yuzhcable.com.ua

AB3KB 3x185-1 ТУ У 31.3-00214534-016-2003

Power cables with aluminium conductors, with PVC compound insulation, with filling of intermediate spaces between the conductors, round-steel-wire armoured, with PVC compound outer sheath



CONSTRUCTION

- 1. Aluminium multiwire compacted conductor
- 2. PVC compound insulation
- 3. PVC compound belt insulation
- **4. Round galvanized steel-wire armour**Note: Manufacturing of single-phase cables with aluminium-wire armour is possible
- 5. Lapping layer of nonwoven cloth tape
- 6. PVC compound outer sheath

Note: Conductor twisting is not illustrated