



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

АПвЭоВнг(к)-10 3х185 ТУ У 31.3-00214534-017-2003



Three-core power cables with aluminium conductors, flame-retardant, with XLPE, collective screen and PVC compound outer sheath

Technical cable requirements correspond to IEC 60502-2

Cables are used for laying:

• in premises, tunnels, ducts, mines, dry soil and outdoor under shelter

in bunches

It is possible to manufacture cables with an integrated fiber-optic module. Order entry example:

 $A\Pi_B \Theta B_{H\Gamma}(\kappa)$ -10 3x185/70 (OM) TY Y 31.3-00214534-017-2003 In conjunction with the DTS system, the integrated fiber-optic module can act as a distributed cable line temperature sensor.

It is possible to manufacture cable with sealed conductors. Order entry example: $A\Pi B \Im O B H \Gamma (\kappa) - 10 3 \times 185/70 (\Gamma) TY Y 31.3 - 00214534 - 017 - 2003$

Fire safety code in accordance with ДСТУ 4809:2007: ПБ130000000 Products of this mark meet the requirements:

• single wire cable flame retardance

bunched cable flame retardance category B





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TECHNICAL SPECIFICATIONS

10
12
3 x 185
3.4
70
14.2
17.5
355
294
6
+90
+130
+250
-50 +50
-25 +65
1056
66
5460
22УД-60: 363 • 2.9
25УД-90: 643 • 5.1

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: conductor temperature 90 °C, air temperature 30 °C, soil temperature 20 °C, load factor 1.0, thermal resistivity of soil 1.5 °K \cdot m/W, laying depth in the ground 0.8 m, shields are grounded at both ends of the line

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

*** Отклонение фактической массы брутто от указанного значения может составлять \pm 7 %



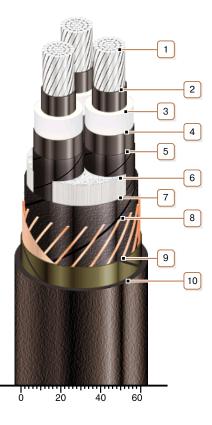


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CONSTRUCTION

- 1. Aluminium multiwire compacted conductor
- Notes: • It is possible to manufacture cable with a single-wire conductor • It is possible to manufacture cable with sealed conductors.
- 2. Inner extruded semiconducting layer
- 3. XLPE insulation
- 4. Outer extruded semiconducting layer
- 5. Lapping layer of semiconductive swellable tape
- 6. Interstitial filler with polypropylene bundles
- 7. Lapping layer of semiconductive swellable tape
- 8. Copper screen
- 9. Lapping layer of glass tape
- 10. Low flammable PVC compound outer sheath

Note: Conductor twisting is not illustrated