



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

АВВГз 3x70+1x35 (ож)-1 ГОСТ 16442-80,ТУ У 31.3-00214534-048:2007

Power cables with aluminium conductors, with PVC-compound insulation, with PVC-compound outer sheath

Cables are used for laying:

- · single laying
- · in premises, dry ducts and tunnels, in corrosive environment

Manufacturing of cable with multiwire conductors (main and additional one) 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 70 + 1 x 35
Phase insulation thikness	mm	1.4
Permissible continious current rating (AC of industrial frequency)) *	
by aerial laying	Α	161
• by burial	Α	178
Maximum permissible conductor temperature		
Continious	°C	+70
in emergency operation	°C	+90
• at short circuit	°C	+160
Operating temperature range	°C	-50 +50
Minimum bending radius by laying	mm	255
Rated outer diameter of the cable (for reference) **	mm	34
Cable weight (approximate)	kg/km	1430
Rated factory cable length and gross weight of the delivery	m, t	# 14: 540 • 1.0
on the drums ***		# 16a: 870 • 1.5
		# 18: 1000 • 1.9

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 \pm 10 %



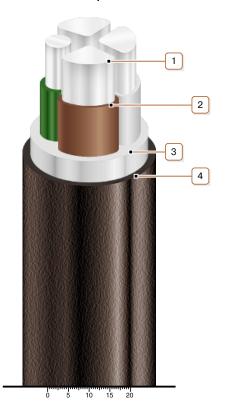




7, Autogennaya Str., Kharkov, 61099, Ukraine. Phone: (+38-057) 728-1244, 728-1241. Fax: (+38-057) 728-1243, (+38-0572) 946-830 E-mail: market@yuzhcable.com.ua

АВВГЗ 3x70+1x35 (ож)-1 ГОСТ 16442-80,ТУ У 31.3-00214534-048:2007

Power cables with aluminium conductors, with PVC-compound insulation, with PVC-compound outer sheath



CONSTRUCTION

- 1. Aluminium conductor
- 2. PVC compound insulation
- 3. PVC compound belt insulation
- 4. PVC compound outer sheath

Note: Conductor twisting is not illustrated