







СИП-4 4x70+2x35 ДСТУ 4743:2007, ТУ У 27.3-00214534-066:2013

Self-supporting wires with light-stabilized cross-linked polyethylene insulation

Used for laying:

- aerial electric power lines for the rated voltage of 0.6/1 kV
- branches from aerial electric power lines for the rated voltage of 0.6/1 kV to the input and for the laying on the walls of buildings and engineering structures
- in air, types II and III according to ΓΟCT 15150-69

It is possible to manufacture the wire with longitudinal core sealing by water-blocking materials

TECHNICAL SPECIFICATIONS

Rated voltage	kV	0.6 / 1
Number and rated area of phase conductors	mm²	4 x 70
Number and rated area of additional conductors for light	mm²	2 x 35
circuits		
Phase insulation thikness	mm	1.5
Current ratings *		
Continious	Α	240
at short circuit (not more than 1 s)	kA	6.5
Maximum permissible conductor temperature		
Continious	°C	+70
• at short circuit (not more than 5 s)	°C	+135
Operating temperature range	°C	-60 +50
Permissible temperature of laying (installation), no less than	°C	-20
Minimum bending radius by laying	mm	380
Rated outer diameter of the cable (for reference) **	mm	38
Weight (approximate)	kg/km	1190
Rated factory cable length and gross weight of the delivery	m, t	# 16a: 700 • 1.1
on the drums ***		# 18: 800 • 1.4
		# 20: 1280 • 2.2

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: ambient temperature plus 25 °C, wind speed 0.6 m/s, the intensity of solar radiation 1000 W/m²

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



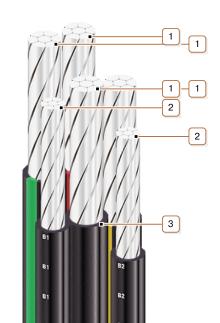




7, Autogennaya Str., Kharkov, 61099, Ukraine. Phone: (+38-057) 728-1244, 728-1241. Fax: (+38-057) 728-1243, (+38-0572) 946-830 E-mail: market@yuzhcable.com.ua

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CONSTRUCTION

1. Aluminium multiwire compacted conductor

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- 2. Multiwire compacted aluminium assisting conductor for light circuits
- 3. Light-stabilized cross-linked polyethylene insulation

Note: Wire lay-up is not illustrated.