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

200106-014120000000

СИП-5 4x120
ТУ У 31.3-00214534-014-2002

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 to the inputs into dwellings and outbuildings*

TECHNICAL SPECIFICATIONS

Rated voltage	kV	0.6 / 1
Number and rated area of phase conductors	mm^2	4 x 120
Phase insulation thikness	mm	1.7
Current ratings *		
• *Continious*	A	340
• *at short circuit (not more than 1 s)*	kA	10.9
Maximum permissible conductor temperature		
• *Continious*	°C	+90
• *at short circuit (not more than 5 s)*	°C	+250
Operating temperature range	°C	-60 ... +50
Permissible temperature of laying (installation), no less than	°C	-20
Minimum bending radius by laying	mm	390
Rated outer diameter of the cable (for reference) **	mm	39
Weight (approximate)	kg/km	1570
Rated factory cable length and gross weight of the delivery on the drums	m, t	# 16a: 630 • 1.2 # 18: 720 • 1.6 # 20: 1160 • 2.5

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: 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 ± 10 %*

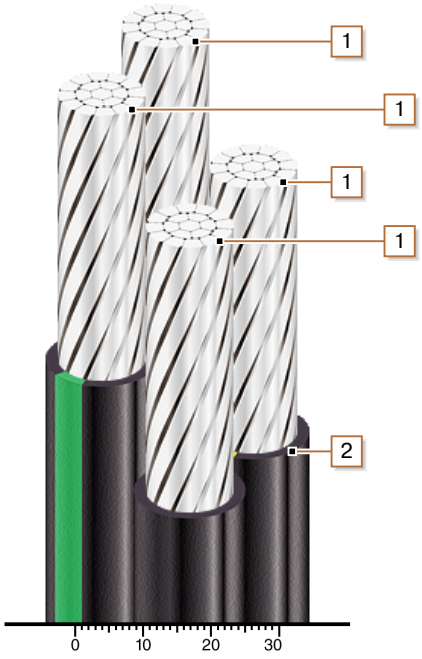
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СИП-5 4х120
ТУ У 31.3-00214534-014-2002

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



CONSTRUCTION

1. Aluminium multiwire compacted conductor

2. Light-stabilized cross-linked polyethylene insulation

Note: wire lay-up is not illustrated

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