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

200107-014016000000

СІП-5нг 4х16
ТУ У 31.3-00214534-014-2002

Self-supporting flame-retardant wires with polymer compound 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*

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	0.6 / 1
Number and rated area of phase conductors	mm^2	4 x 16
Phase insulation thikness	mm	1.4
Current ratings *		
• *Continious*	A	105
• *at short circuit (not more than 1 s)*	kA	1.5
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	181
Rated outer diameter of the cable (for reference) **	mm	18.1
Weight (approximate)	kg/km	280
Rated factory cable length and gross weight of the delivery on the drums ***	m, t	# 16a: 3120 • 1.1 # 18: 3570 • 1.5 # 20: 5710 • 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/m^2*

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

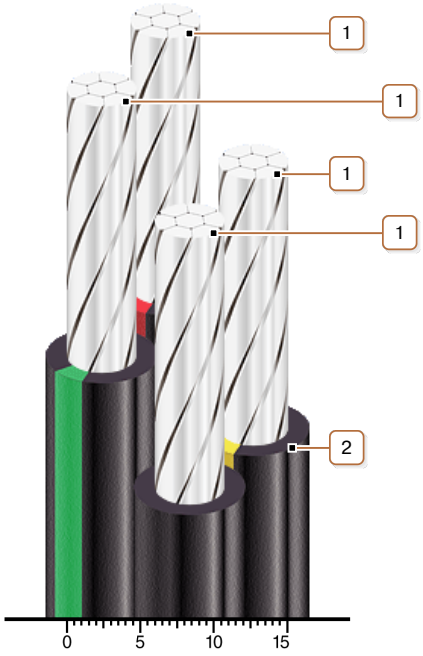
© 2024 PJSC Yuzhcable Works. © 2024 A. Kevorkyan

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

200107-014016000000

СІП-5нг 4х16
ТУ У 31.3-00214534-014-2002

Self-supporting flame-retardant wires with polymer compound insulation



CONSTRUCTION

1. Aluminium multiwire compacted conductor
2. Flame-retardant polymer compound insulation

Note: Wire lay-up is not illustrated.

© 2024 PJSC Yuzhcable Works. © 2024 A. Kevorkyan