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

152102-061003000050

ЦАСШнг 3х50(ож)-6
ТУ У 27.3-00214534-091:2017

Power cables with aluminium conductors, with non-draining impregnated paper insulation, lead-sheathed, with low-flammable PVC-compound protection hose

Cables are used for laying:
- *without level difference limitation*
- *in dry premises (tunnels), ducts, cable cellars, mines, collectors, industrial and other premises, including damp, partially flooded premises, environment with medium and high corrosivenes*
- *with no risk of mechanical damage in operation*
- *in bunches*

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*

TECHNICAL SPECIFICATIONS

Rated voltage	kV	6
Number and rated area of conductors	mm^2	3 x 50
Insulation thikness between conductors	mm	4
Insulation thikness of conductor-sheath	mm	2.95
Sheath thikness	mm	1.26
Permissible continious current rating *		
- *by aerial laying*	A	146
- *by burial*	A	149
Operating temperature range	˚C	-50 ... +50
Minimum bending radius by laying	mm	495
Metal shaeth outer diameter (for reference only)	mm	26
Rated outer diameter of the cable (for reference) **	mm	33
Cable weight (approximate)	kg/km	2260
Rated factory cable length and gross weight of the delivery on the drums ***	m, t	# 16: 330 • 1.0

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 ± 10 %*

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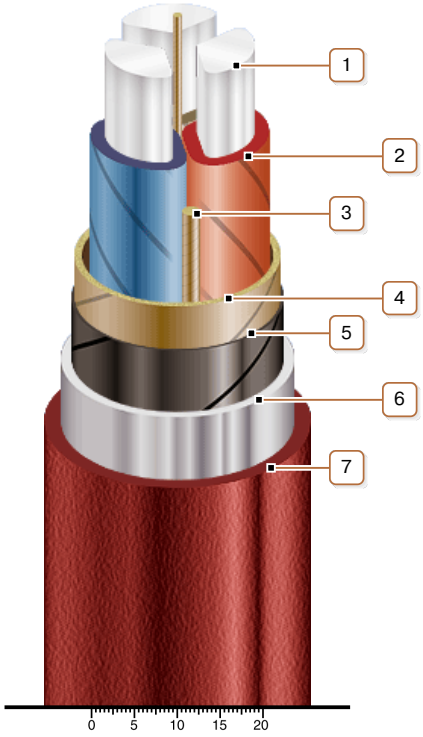
Power cables with aluminium conductors, with non-draining impregnated paper insulation, lead-sheathed, with low-flammable PVC-compound protection hose



CONSTRUCTION

1. *Aluminium conductor*
2. *Impregnated paper insulation*
3. *Cable paper bundle*
4. *Belt insulation*
5. *Conducting paper screen*
6. *Lead sheath*
7. *Pressed off low-flammable PVC compound protection hose*

Note: Conductor twisting is not illustrated

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