



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

## СБВГнг 30х0.9 ТУ У 31.3-00214534-008-2001



Signal blocking cables with copper conductors, with polyethylene insulation, in low flammable PVC compound sheath

Designed for electrical installations of railway signaling, centralization, blocking and automation at a rated voltage of 380 V AC at frequency 50 Hz or 700 V DC

Cables are used for laying:

in bunches

- in premises, dry ducts and tunnels, in corrosive environment
- in the absence of mechanical effects on cable

Manufacturing of cables with core diameter of 0.8 mm is possible

Fire safety code in accordance with ДСТУ 4809:2007: ПБ121000000

- Products of this mark meet the requirements:
- · single wire cable flame retardance
- · bunched cable flame retardance category A
- toxicity class Tk1 of the combustion products of nonmetallic elements (toxicity index from 13 up to  $40 \text{ g/m}^3$ )

## **TECHNICAL SPECIFICATIONS**

Rated voltage	V	380 / 700
Number and rated diameter of conductors	mm	30 x 0.9
Electrical resistance of the conductor at 20 °C	Ohm/km	23.3
Operating capacity, not more than	nF/km	150.0
Operating temperature range	°C	-40 +60
Minimum bending radius by laying	mm	105
Cable outer diameter (for reference only) **	mm	15
Cable weight (approximate)	kg/km	342
Rated factory cable length and gross weight of the delivery	m, t	# 12: 1450 · 0.6
on the drums ***		
Notes:		

When ordering it is neccesary to agree the factory length of the product with the manufacturer

\*\* The external diameter may differ from the rated up to  $\pm$  10 %

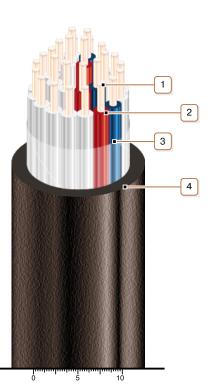




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## CONSTRUCTION

1. Copper conductor Note: Manufacturing of cables with core diameter of 0.8 mm is possible

- 2. Polyethylene insulation
- 3. PET film winding
- 4. Low flammable PVC compound sheath

Note: Conductor twisting is not illustrated