

**СБВГ 16x1**  
**ТУ У 31.3-00214534-008-2001**

Signal blocking cables with copper conductors, with polyethylene insulation, in 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:

- *single laying*
- *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: ПБ100000000

Products of this mark meet the requirements:

- *single wire cable flame retardance*

**TECHNICAL SPECIFICATIONS**

Rated voltage	V	380 / 700
Number and rated diameter of conductors	mm	16 x 1
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	-50 ... +60
Minimum bending radius by laying	mm	84
Cable outer diameter (for reference only) **	mm	12
Cable weight (approximate)	kg/km	215
Rated factory cable length and gross weight of the delivery on the drums ***	m, t	# 10: 1650 • 0.4

Notes:

When ordering it is necessary 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

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#### 2. Polyethylene insulation

#### 3. PET film winding

#### 4. PVC compound sheath

*Note: Conductor twisting is not illustrated*

