



## СБВГ 7х1 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	7 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	63
Cable outer diameter (for reference only) **	mm	9
Cable weight (approximate)	kg/km	108

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  $\pm 10\%$

### 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. PVC compound sheath

Note: Conductor twisting is not illustrated

