



## **СБВБГ 9x1 ТУ У 31.3-00214534-008-2001**

Signal blocking cables with copper conductors, with polyethylene insulation, in PVC compound sheath, with galvanized double-steel-tape armouring

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 dry cable duct system, tunnels, collectors*
- *in places, where small mechanical impacts on cable are possible, including tensile forces*

Fire safety code in accordance with ДСТУ 4809:2007: ПБ100000000

Products of this mark meet the requirements:

- *single wire cable flame retardance*

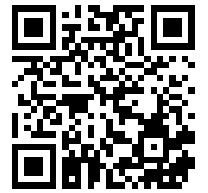
### **TECHNICAL SPECIFICATIONS**

|  |        |                  |
|--|--------|------------------|
| Rated voltage  | V      | 380 / 700        |
| Number and rated diameter of conductors                                  | mm     | 9 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     | 156              |
| Cable outer diameter (for reference only) **                             | mm     | 13               |
| Cable weight (approximate)   | kg/km  | 309              |
| Rated factory cable length and gross weight of the delivery on the drums | m, t   | # 10: 1410 · 0.5 |

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 ± 10 %*



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### **CONSTRUCTION**

1. *Copper conductor*
2. *Polyethylene insulation*
3. *PET film winding*
4. *PVC compound sheath*
5. *Double galvanized steel-tape armour*

*Note: Conductor twisting is not illustrated*

