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## СБВБГнг 7х1 ТУ У 31.3-00214534-008-2001



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

- in bunches
- 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: 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     | 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                                 | С      | -50 +60          |
| Minimum bending radius by laying                            | mm     | 132              |
| Cable outer diameter (for reference only) **                | mm     | 11               |
| Cable weight (approximate)                                  | kg/km  | 256              |
| Rated factory cable length and gross weight of the delivery | m, t   | # 10: 1970 • 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 %



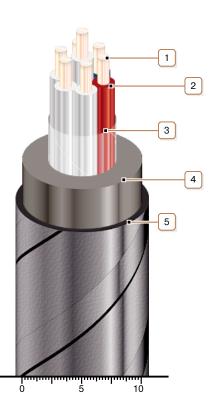


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## **CONSTRUCTION**

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

Note: Conductor twisting is not illustrated