



СБВГнг 7х1 **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 g/m³)*

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 | -40 ... +60 |
| Minimum bending radius by laying | mm | 63 |
| Cable outer diameter (for reference only) ** | mm | 9 |
| Cable weight (approximate) | kg/km | 111 |

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 $\pm 10\%$



СБВГнг 7х1 ТУ У 31.3-00214534-008-2001

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

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

