



СБВБГ 7x2x0.9 **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: ПБ1000000000

Products of this mark meet the requirements:

- *single wire cable flame retardance*

TECHNICAL SPECIFICATIONS

| | | |
|---|--------|------------------|
| Rated voltage | V | 380 / 700 |
| Number of pairs and nominal conductor diameter | | 7 x 0.9 |
| Electrical resistance of the conductor at 20 °C | Ohm/km | 28.8 |
| Operating capacity, not more than | nF/km | 100.0 |
| Attenuation coefficient of pairs at a temperature of 20 °C, not more than | dB/km | 1.04 |
| Coupling losses on near-end of cable between any pairs over a length of 300 m, not less than: | | |
| • <i>for 100% of the values</i> | dB | 60.0 |
| • <i>for 80% of the values</i> | dB | 62.0 |
| Operating temperature range | °C | -50 ... +60 |
| Minimum bending radius by laying | mm | 180 |
| Cable outer diameter (for reference only) ** | mm | 15 |
| Cable weight (approximate) | kg/km | 388 |
| Rated factory cable length and gross weight of the delivery on the drums *** | m, t | # 12: 1450 • 0.7 |

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

Note: Pair twisting in the layer of core on the picture not shown.

