



СБВГ 3x2x1 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 of pairs and nominal conductor diameter | | 3 x 1 |
| 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 | 0.94 |
| 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 | 70 |
| Cable outer diameter (for reference only) ** | mm | 10 |
| Cable weight (approximate) | kg/km | 119 |

Notes:

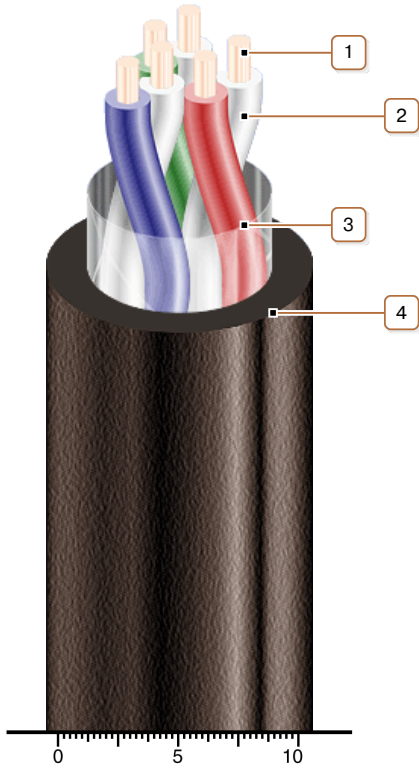
When ordering it is necessary to agree the factory length of the product with the manufacturer

** The external diameter may differ from the rated up to $\pm 10\%$



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CONSTRUCTION

1. Copper conductor

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2. Polyethylene insulation

3. PET film winding

4. PVC compound sheath

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