



## СБПБШВ 3x2x0.9 ТУ У 31.3-00214534-008-2001

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

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 ducts, tunnels, collectors, in soil (trenches), in corrosive environment
- 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 of pairs and nominal conductor diameter                                                |        | 3 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: |        |                  |
| • for 100% of the values                                                                      | dB     | 60.0             |
| • for 80% of the values                                                                       | 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  | 315              |
| Rated factory cable length and gross weight of the delivery on the drums ***                  | m, t   | # 12: 1450 • 0.6 |

Notes:

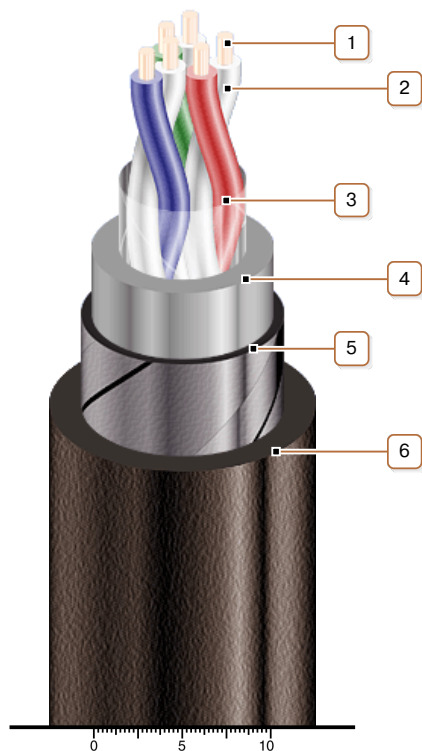
When ordering it is necessary to agree the factory length of the product with the manufacturer

\*\* 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. Polyethylene inner sheath
5. Double galvanized steel-tape armour
6. PVC compound protection hose

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