



## СБПБ6ШВ 21х1 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 and rated diameter of conductors                                      | mm     | 21 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     | -50 ... +60      |
| Minimum bending radius by laying                                             | mm     | 216              |
| Cable outer diameter (for reference only) **                                 | mm     | 18               |
| Cable weight (approximate)                                                   | kg/km  | 516              |
| Rated factory cable length and gross weight of the delivery on the drums *** | m, t   | # 12: 1010 • 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  $\pm 10\%$

### 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: Conductor twisting is not illustrated

