



## СБПБШВ 30x1 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     | 30 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     | 240                                 |
| Cable outer diameter (for reference only) **                             | mm     | 20                                  |
| Cable weight (approximate)   | kg/km  | 632                                 |
| Rated factory cable length and gross weight of the delivery on the drums | m, t   | # 12: 820 • 0.6<br># 14: 1570 • 1.2 |

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

