



## СБЗПБ6Шп 5x1 ТУ У 31.3-00214534-008-2001

Signal blocking cables with copper conductors, with polyethylene insulation, with water-blocking core filling, in polyethylene sheath, with galvanized double-steel-tape armouring, in polyethylene 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 soil (trenches), in corrosion environment
- in conditions of excessive humidity
- in places, where small mechanical impacts on cable are possible, including tensile forces

### TECHNICAL SPECIFICATIONS

|  |        |                                      |
|--|--------|--------------------------------------|
| Rated voltage  | V      | 380 / 700                            |
| Number and rated diameter of conductors                                      | mm     | 5 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     | 168                                  |
| Cable outer diameter (for reference only) **                                 | mm     | 14                                   |
| Cable weight (approximate)   | kg/km  | 250                                  |
| Rated factory cable length and gross weight of the delivery on the drums *** | m, t   | # 10: 1210 • 0.4<br># 12: 1670 • 0.5 |

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. Water-blocking filling
4. Polyethylene inner sheath
5. Double steel-tape armour
6. Bitumen layer
7. Polyethylene protection hose

Note: Conductor twisting is not illustrated

