



## СБП 12x1 ТУ У 31.3-00214534-008-2001

Signal blocking cables with copper conductors, with polyethylene insulation, in thickened polyethylene 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:

- in soil (trenches), in corrosion environment
- in the absence of mechanical effects on cable

Manufacturing of cables with inner sheath of PVC-compound is possible

### TECHNICAL SPECIFICATIONS

|                                                                              |        |                  |
|------------------------------------------------------------------------------|--------|------------------|
| Rated voltage                                                                | V      | 380 / 700        |
| Number and rated diameter of conductors                                      | mm     | 12 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     | 105              |
| Cable outer diameter (for reference only) **                                 | mm     | 15               |
| Cable weight (approximate)                                                   | kg/km  | 218              |
| Rated factory cable length and gross weight of the delivery on the drums *** | m, t   | # 12: 1450 • 0.4 |

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. Polyethylene outer sheath

Note: Manufacturing of cables with inner sheath of PVC-compound is possible

Note: Conductor twisting is not illustrated

