



## СБП 3x0.9 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     | 3 x 0.9     |
| 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     | 70          |
| Cable outer diameter (for reference only) **    | mm     | 10          |
| Cable weight (approximate)                      | kg/km  | 86          |

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

