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## СБПу 27х0.9 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

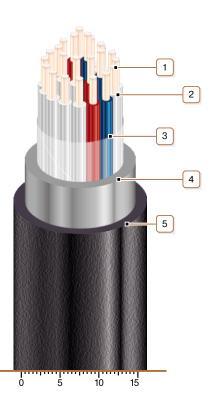
## **TECHNICAL SPECIFICATIONS**

| Rated voltage   | V      | 380 / 700        |
|---|--------|------------------|
| Number and rated diameter of conductors                     | mm     | 27 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     | 119              |
| Cable outer diameter (for reference only) **                | mm     | 17               |
| Cable weight (approximate)                                  | kg/km  | 336              |
| Rated factory cable length and gross weight of the delivery | m, t   | # 12: 1130 • 0.5 |
| on the drums ***  |        |                  |

Notes:

When ordering it is neccesary 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

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

## 5. Polyethylene outer sheath

Note: Conductor twisting is not illustrated