



## СБЗПы 14x2x0.9 ТУ У 31.3-00214534-008-2001

Signal blocking cables with copper conductors, with polyethylene insulation, with water-blocking core filling, 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 conditions of excessive humidity
- in the absence of mechanical effects on cable

### TECHNICAL SPECIFICATIONS

|   |        |                  |
|---|--------|------------------|
| Rated voltage   | V      | 380 / 700        |
| Number of pairs and nominal conductor diameter  |        | 14 x 0.9         |
| Electrical resistance of the conductor at 20 °C   | Ohm/km | 28.8             |
| Operating capacity, not more than   | nF/km  | 100.0            |
| Attenuation coefficient of pairs at a temperature of 20 °C, not more than                     | dB/km  | 1.04             |
| Coupling losses on near-end of cable between any pairs over a length of 300 m, not less than: |        |                  |
| • for 100% of the values  | dB     | 60.0             |
| • for 80% of the values   | dB     | 62.0             |
| Operating temperature range   | °C     | -50 ... +60      |
| Minimum bending radius by laying  | mm     | 147              |
| Cable outer diameter (for reference only) **  | mm     | 21               |
| Cable weight (approximate)  | kg/km  | 425              |
| Rated factory cable length and gross weight of the delivery on the drums ***                  | m, t   | # 14: 1300 • 0.7 |

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  $\pm 10\%$



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**CONSTRUCTION**

1. Copper conductor
2. Polyethylene insulation
3. Water-blocking filling
4. Polyethylene inner sheath
5. Polyethylene outer sheath

*Note: Pair twisting in the layer of core on the picture not shown.*

