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## СБЗПБбШв 21х1 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 PVC compound 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 ducts, tunnels, collectors, in soil (trenches), in corrosione environment
- · in conditions of excessive humidity
- · in places, where small mechanical impacts on cable are possible, including tensile forces

Fire safety code in accordance with ДСТУ 4809:2007: ПБ100000000 Products of this mark meet the requirements:

• single wire cable flame retardance

#### **TECHNICAL SPECIFICATIONS**

| Rated voltage  | V      | 380 / 700        |
|--|--------|------------------|
| Number and rated diameter of conductors                                      | mm     | 21 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     | 216              |
| Cable outer diameter (for reference only) **                                 | mm     | 18               |
| Cable weight (approximate)   | kg/km  | 522              |
| Rated factory cable length and gross weight of the delivery on the drums *** | m, t   | # 12: 1010 • 0.6 |

#### Notes:

When ordering it is neccesary to agree the factory length of the product with the manufacturer

<sup>\*\*</sup> The external diameter may differ from the rated up to  $\pm$  10 %



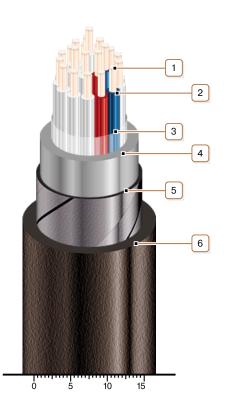




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### **CONSTRUCTION**

- 1. Copper conductor
- 2. Polyethylene insulation
- 3. Water-blocking filling
- 4. Polyethylene inner sheath
- 5. Double galvanized steel-tape armour
- 6. PVC compound protection hose

Note: Conductor twisting is not illustrated