



СБЗПБ6Шп 27x1 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 polyethylene 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 soil (trenches), in corrosion environment
- in conditions of excessive humidity
- in places, where small mechanical impacts on cable are possible, including tensile forces

TECHNICAL SPECIFICATIONS

| | | |
|--|--------|-------------------------------------|
| Rated voltage | V | 380 / 700 |
| Number and rated diameter of conductors | mm | 27 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 | 240 |
| Cable outer diameter (for reference only) ** | mm | 20 |
| Cable weight (approximate) | kg/km | 576 |
| Rated factory cable length and gross weight of the delivery on the drums | m, t | # 12: 820 • 0.6 # 14: 1570 • 1.1 |

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. Water-blocking filling
4. Polyethylene inner sheath
5. Double steel-tape armour
6. Bitumen layer
7. Polyethylene protection hose

Note: Conductor twisting is not illustrated

