



СБП 42x1 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 | 42 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 | 154 |
| Cable outer diameter (for reference only) ** | mm | 22 |
| Cable weight (approximate) | kg/km | 542 |
| Rated factory cable length and gross weight of the delivery on the drums | m, t | # 14: 1300 • 0.9 |

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

