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СБЗПБбШп 7х1 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

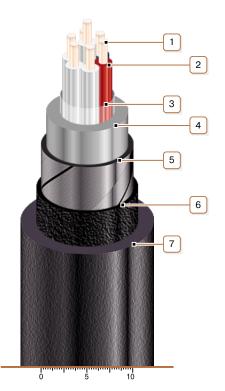
TECHNICAL SPECIFICATIONS

| Rated voltage | V | 380 / 700 |
|---|--------|------------------|
| Number and rated diameter of conductors | mm | 7 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 | 168 |
| Cable outer diameter (for reference only) ** | mm | 14 |
| Cable weight (approximate) | kg/km | 278 |
| Rated factory cable length and gross weight of the delivery | m, t | # 10: 1210 • 0.4 |
| on the drums *** | | # 12: 1670 • 0.6 |

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. 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