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СБВБбШвнг 10х2х0.9 ТУ У 31.3-00214534-008-2001



Signal blocking cables with copper conductors, with polyethylene insulation, in low flammable PVC compound sheath, with galvanized double-steel-tape armouring, in low flammable 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 bunches
- in dry cable duct system, tunnels, collectors in corrosione environment
- in places, where small mechanical impacts on cable are possible, including tensile forces

Fire safety code in accordance with ДСТУ 4809:2007: ПБ121000000

- Products of this mark meet the requirements:
- single wire cable flame retardance
- bunched cable flame retardance category A
- toxicity class Tk1 of the combustion products of nonmetallic elements (toxicity index from 13 up to 40 g/m^3)

TECHNICAL SPECIFICATIONS

| Rated voltage | V | 380 / 700 |
|---|--------|------------------|
| Number of pairs and nominal conductor diameter | | 10 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 | dB/km | 1.04 |
| more than | | |
| 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 | -40 +60 |
| Minimum bending radius by laying | mm | 240 |
| Cable outer diameter (for reference only) ** | mm | 20 |
| Cable weight (approximate) | kg/km | 596 |
| Rated factory cable length and gross weight of the delivery | m, t | # 12: 820 · 0.6 |
| on the drums *** | | # 14: 1570 • 1.1 |
| 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 %



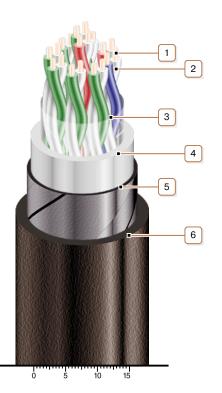


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CONSTRUCTION

- 1. Copper conductor
- 2. Polyethylene insulation
- 3. PET film winding
- 4. Low-flammable PVC compound inner sheath
- 5. Double galvanized steel-tape armour
- 6. Low-flammable PVC compound protection hose

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