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## СБЗПу 7х2х1 ТУ У 31.3-00214534-008-2001

Signal blocking cables with copper conductors, with polyethylene insulation, with water-blocking core filling, 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 conditions of excessive humidity
- in the absence of mechanical effects on cable

### **TECHNICAL SPECIFICATIONS**

Number of pairs and nominal conductor diameter 7 x 1  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 0.94  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 -50 +60
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• for 80% of the values dB 62.0
Operating temperature range °C -50 +60
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Minimum bending radius by laying mm 126
Cable outer diameter (for reference only) ** mm 18
Cable weight (approximate) kg/km 292
Rated factory cable length and gross weight of the delivery m, t # 12: 1010 • 0.4
on the drums ***

#### 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 %



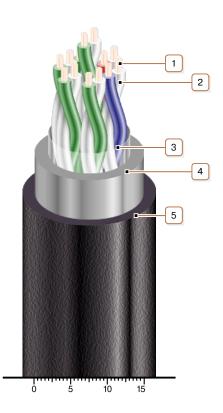




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# СБЗПу 7x2x1 ТУ У 31.3-00214534-008-2001

Signal blocking cables with copper conductors, with polyethylene insulation, with water-blocking core filling, in thickened polyethylene sheath



### **CONSTRUCTION**

- 1. Copper conductor
- 2. Polyethylene insulation
- 3. Water-blocking filling
- 4. Polyethylene inner sheath
- 5. Polyethylene outer sheath

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