



СБП 10x2x1 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 of pairs and nominal conductor diameter		10 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 more than	dB/km	0.94
Coupling losses on near-end of cable between any pairs over a length of 300 m, not less than:		
• <i>for 100% of the values</i>	dB	60.0
• <i>for 80% of the values</i>	dB	62.0
Operating temperature range	°C	-50 ... +60
Minimum bending radius by laying	mm	140
Cable outer diameter (for reference only) **	mm	20
Cable weight (approximate)	kg/km	339
Rated factory cable length and gross weight of the delivery on the drums	m, t	# 12: 820 • 0.4 # 14: 1570 • 0.7

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 ± 10 %*



СБПу 10x2x1 ТУ У 31.3-00214534-008-2001

Signal blocking cables with copper conductors, with polyethylene insulation, in thickened polyethylene sheath

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

