

## СБПБШВ 12х2х1 ТУ У 31.3-00214534-008-2001

Signal blocking cables with copper conductors, with polyethylene insulation, in polyethylene sheath, with galvanized double-steel-tape armouring, in 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 ducts, tunnels, collectors, in soil (trenches), in corrosive environment
- in places, where small mechanical impacts on cable are possible, including tensile forces

Fire safety code in accordance with ДСТУ 4809:2007: ПБ100000000

Products of this mark meet the requirements:

- single wire cable flame retardance

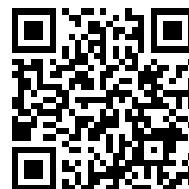
### TECHNICAL SPECIFICATIONS

Rated voltage	V	380 / 700
Number of pairs and nominal conductor diameter		12 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:		
• for 100% of the values	dB	60.0
• for 80% of the values	dB	62.0
Operating temperature range	°C	-50 ... +60
Minimum bending radius by laying	mm	264
Cable outer diameter (for reference only) **	mm	22
Cable weight (approximate)	kg/km	619
Rated factory cable length and gross weight of the delivery on the drums ***	m, t	# 14: 1300 • 1.0

Notes:

When ordering it is necessary to agree the factory length of the product with the manufacturer

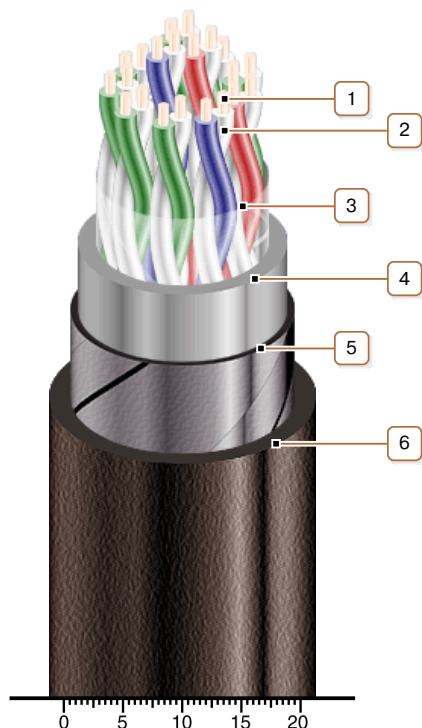
\*\* The external diameter may differ from the rated up to  $\pm 10\%$



## **СБПБ6ШВ 12x2x1** **ТУ У 31.3-00214534-008-2001**

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### **CONSTRUCTION**



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

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