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# **СБЗПБбШв 21х0.9** 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 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 corrosione environment
- in conditions of excessive humidity
- · in places, where small mechanical impacts on cable are possible, including tensile forces

Fire safety code in accordance with ДСТУ 4809:2007: ΠБ100000000 Products of this mark meet the requirements:

· single wire cable flame retardance

#### **TECHNICAL SPECIFICATIONS**

Rated voltage	V	380 / 700
Number and rated diameter of conductors	mm	21 x 0.9
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	216
Cable outer diameter (for reference only) **	mm	18
Cable weight (approximate)	kg/km	512
Rated factory cable length and gross weight of the delivery	m, t	# 12: 1010 • 0.6
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 %





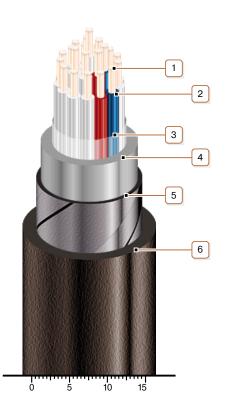




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### CONSTRUCTION

- 1. Copper conductor
- 2. Polyethylene insulation
- 3. Water-blocking filling
- 4. Polyethylene inner sheath
- 5. Double galvanized steel-tape armour
- 6. PVC compound protection hose

Note: Conductor twisting is not illustrated