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# СБВБбШвнг 21х1 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: ΠБ121000000

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/m³)

### **TECHNICAL SPECIFICATIONS**

Rated voltage	V	380 / 700
Number and rated diameter of conductors	mm	21 x 1
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	-40 +60
Minimum bending radius by laying	mm	216
Cable outer diameter (for reference only) **	mm	18
Cable weight (approximate)	kg/km	558
Rated factory cable length and gross weight of the delivery	m, t	# 12: 1010 • 0.7
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 %



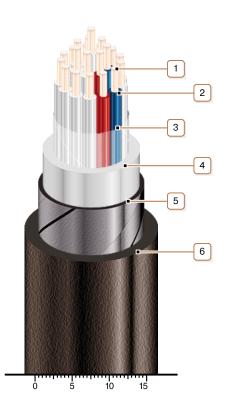




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### **CONSTRUCTION**

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

Note: Conductor twisting is not illustrated