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## СБВГ 27х2х0.9 ТУ У 31.3-00214534-008-2001

Signal blocking cables with copper conductors, with polyethylene insulation, in PVC compound 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:

- · single laying
- · in premises, dry ducts and tunnels, in corrosive environment
- in the absence of mechanical effects on cable

Manufacturing of cables with core diameter of 0.8 mm is possible

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		27 x 0.9
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	1.04
more than		
Coupling losses on near-end of cable between any pairs over a	length of 300 m	n, 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	168
Cable outer diameter (for reference only) **	mm	24
Cable weight (approximate)	kg/km	611
Rated factory cable length and gross weight of the delivery	m, t	# 14: 1090 • 0.9
on the drums ***		
Notes:		
When ordering it is necessary to agree the factory length of the product with the	a manufacturar	

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



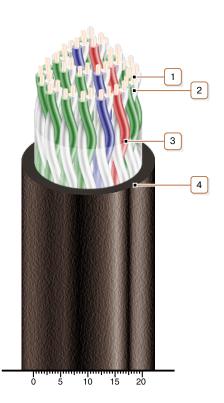




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## **CONSTRUCTION**

1. Copper conductor

Note: Manufacturing of cables with core diameter of 0.8 mm is possible

- 2. Polyethylene insulation
- 3. PET film winding
- 4. PVC compound sheath

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