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## СБВБГ 42х0.9 ТУ У 31.3-00214534-008-2001



Signal blocking cables with copper conductors, with polyethylene insulation, in PVC compound sheath, with galvanized double-steel-tape armouring

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 dry cable duct system, tunnels, collectors

• in places, where small mechanical impacts on cable are possible, including tensile forces

Fire safety code in accordance with ДСТУ 4809:2007: ПБ10000000

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	42 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	240
Cable outer diameter (for reference only) **	mm	20
Cable weight (approximate)	kg/km	694
Rated factory cable length and gross weight of the delivery	m, t	# 12: 820 · 0.7
on the drums		# 14: 1570 • 1.3
Notes:		

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

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



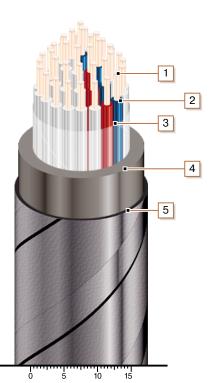


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## **CONSTRUCTION**

- 1. Copper conductor
- 2. Polyethylene insulation
- 3. PET film winding
- 4. PVC compound sheath
- 5. Double galvanized steel-tape armour
- Note: conductor twisting is not illustrated