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## СБВГ 5х0.9 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: ПБ10000000

Products of this mark meet the requirements:

• single wire cable flame retardance

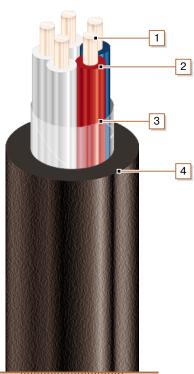
## **TECHNICAL SPECIFICATIONS**

Rated voltage	V	380 / 700	
Number and rated diameter of conductors	mm	5 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	D°	-50 +60	
Minimum bending radius by laying	mm	56	
Cable outer diameter (for reference only) **	mm	8	
Cable weight (approximate)	kg/km	83	
Notes:			

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
- Note: conductor twisting is not illustrated