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СБВГ 24x2x1 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 of pairs and nominal conductor diameter		24 x 1
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	0.94
more than		
Coupling losses on near-end of cable between any pairs over a length of 300 m, 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	161
Cable outer diameter (for reference only) **	mm	23
Cable weight (approximate)	kg/km	595
Rated factory cable length and gross weight of the delivery	m, t	# 14: 1090 • 0.8
on the drums ***		
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

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.

0 5 10 15 20