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## СБЗПБбШп 7х1 ТУ У 31.3-00214534-008-2001

Signal blocking cables with copper conductors, with polyethylene insulation, with water-blocking core filling, in polyethylene sheath, with galvanized double-steel-tape armouring, in polyethylene 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 soil (trenches), in corrosion environment
- · in conditions of excessive humidity
- · in places, where small mechanical impacts on cable are possible, including tensile forces

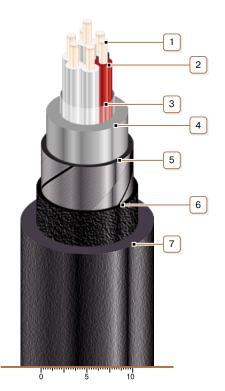
## **TECHNICAL SPECIFICATIONS**

Rated voltage	V	380 / 700
Number and rated diameter of conductors	mm	7 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	-50 +60
Minimum bending radius by laying	mm	168
Cable outer diameter (for reference only) **	mm	14
Cable weight (approximate)	kg/km	278
Rated factory cable length and gross weight of the delivery	m, t	# 10: 1210 • 0.4
on the drums ***		# 12: 1670 • 0.6

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 %



## CONSTRUCTION

- 1. Copper conductor
- 2. Polyethylene insulation
- 3. Water-blocking filling
- 4. Polyethylene inner sheath
- 5. Double steel-tape armour
- 6. Bitumen layer
- 7. Polyethylene protection hose

Note: Conductor twisting is not illustrated