



## СБП 42x1 ТУ У 31.3-00214534-008-2001

Signal blocking cables with copper conductors, with polyethylene insulation, in thickened polyethylene 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:

- in soil (trenches), in corrosion environment
- in the absence of mechanical effects on cable

Manufacturing of cables with inner sheath of PVC-compound is possible

### TECHNICAL SPECIFICATIONS

Rated voltage	V	380 / 700
Number and rated diameter of conductors	mm	42 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	154
Cable outer diameter (for reference only) **	mm	22
Cable weight (approximate)	kg/km	542
Rated factory cable length and gross weight of the delivery on the drums ***	m, t	# 14: 1300 • 0.9

Notes:

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

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

### CONSTRUCTION

1. Copper conductor
2. Polyethylene insulation
3. PET film winding
4. Polyethylene inner sheath
5. Polyethylene outer sheath

Note: Manufacturing of cables with inner sheath of PVC-compound is possible

Note: Conductor twisting is not illustrated

