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СБПу 42х0.9 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

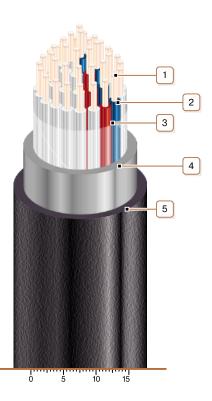
TECHNICAL SPECIFICATIONS

Rated voltage	V	380 / 700
Number and rated diameter of conductors	mm	42 x 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	140
Cable outer diameter (for reference only) **	mm	20
Cable weight (approximate)	kg/km	481
Rated factory cable length and gross weight of the delivery	m, t	# 12: 820 • 0.5
on the drums ***		# 14: 1570 • 0.9

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 %



CONSTRUCTION

- 1. Copper conductor
- 2. Polyethylene insulation
- 3. PET film winding

4. Polyethylene inner sheath

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

5. Polyethylene outer sheath

Note: Conductor twisting is not illustrated