YUZHCABLE
PRODUCTION GUIDE

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СБПу 24x1
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	24 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	126
Cable outer diameter (for reference only) **	mm	18
Cable weight (approximate)	kg/km	354
Rated factory cable length and gross weight of the delivery on the drums ***	m, t	# 12: 1010 · 0.5

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 ± 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