240402-240200000009

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СБЗПу 24х2х0.9
ТУ У 31.3-00214534-008-2001

Signal blocking cables with copper conductors, with polyethylene insulation, with water-blocking core filling, 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 conditions of excessive humidity*
- *in the absence of mechanical effects on cable*

TECHNICAL SPECIFICATIONS

Rated voltage	V	380 / 700
Number of pairs and nominal conductor diameter		24 x 0.9
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 more than	dB/km	1.04
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	175
Cable outer diameter (for reference only) **	mm	25
Cable weight (approximate)	kg/km	653
Rated factory cable length and gross weight of the delivery on the drums	m, t	# 14: 930 • 0.8

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 %*

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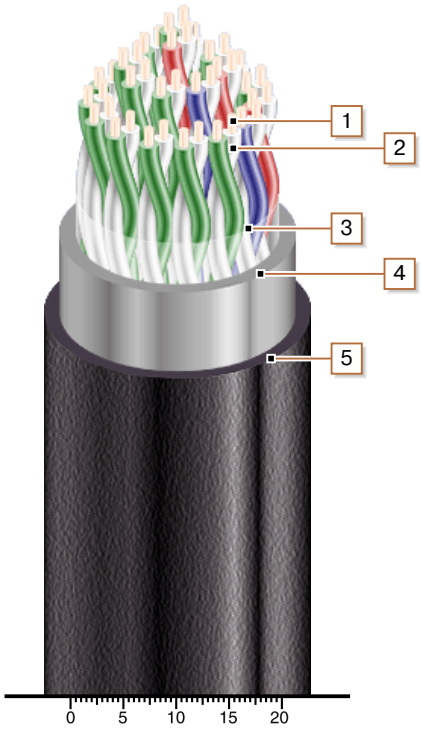

CONSTRUCTION

1. Copper conductor
2. Polyethylene insulation
3. Water-blocking filling
4. Polyethylene inner sheath
5. Polyethylene outer sheath

Note: pair twisting in the layer of core on the picture not shown

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