240403-190200000009

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СБПАШп 19х2х0.9
ТУ У 31.3-00214534-008-2001

Signal blocking cables with copper conductors, with polyethylene insulation, in aluminium sheath, 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*
- *at external electrical influences*
- *in the absence of mechanical effects on cable*

TECHNICAL SPECIFICATIONS

Rated voltage	V	380 / 700
Number of pairs and nominal conductor diameter		19 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
Protective action coefficient of aluminium sheath at longitudinal EMF of 30 V/ km, not more than:		0.7
Operating temperature range	°C	-50 ... +60
Minimum bending radius by laying	mm	189
Cable outer diameter (for reference only) **	mm	27
Cable weight (approximate)	kg/km	841
Rated factory cable length and gross weight of the delivery on the drums ***	m, t	# 14: 800 • 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 ± 10 %*

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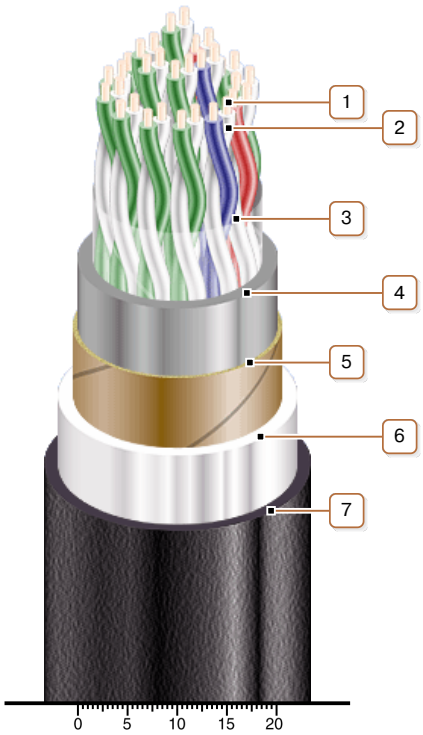

CONSTRUCTION

1. *Copper conductor*
2. *Polyethylene insulation*
3. *PET film winding*
4. *Polyethylene inner sheath*
5. *Paper core wrapping*
6. *Aluminium sheath*
7. *Polyethylene protection hose*

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

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