240201-120200000009

7, Autogennaya Str., Kharkov, 61099, Ukraine. Phone: (+38-057) 728-1244, 728-1241. Fax: (+38-057) 728-1243, (+38-0572) 946-830
E-mail: market@yuzhcable.com.ua

СБВБГ 12х2х0.9
ТУ У 31.3-00214534-008-2001

Signal blocking cables with copper conductors, with polyethylene insulation, in PVC compound sheath, with galvanized double-steel-tape armouring

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:
- *single laying*
- *in dry cable duct system, tunnels, collectors*
- *in places, where small mechanical impacts on cable are possible, including tensile forces*

Fire safety code in accordance with ДСТУ 4809:2007: ПБ100000000
Products of this mark meet the requirements:
- *single wire cable flame retardance*

TECHNICAL SPECIFICATIONS

Rated voltage	V	380 / 700
Number of pairs and nominal conductor diameter		12 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	228
Cable outer diameter (for reference only) **	mm	19
Cable weight (approximate)	kg/km	531
Rated factory cable length and gross weight of the delivery on the drums ***	m, t	# 12: 910 • 0.6

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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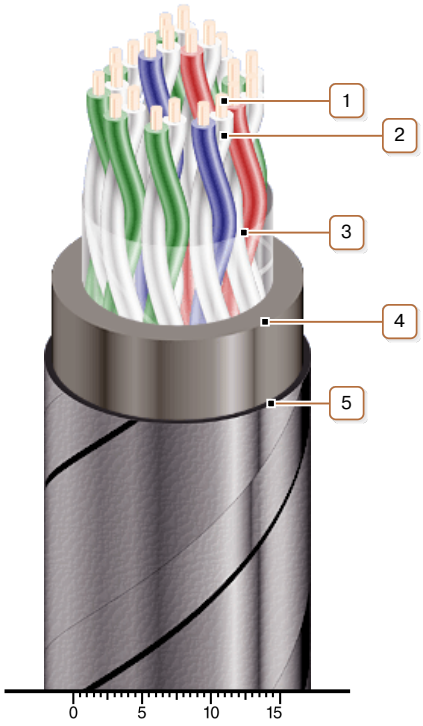

CONSTRUCTION

1. *Copper conductor*
2. *Polyethylene insulation*
3. *PET film winding*
4. *PVC compound sheath*
5. *Double galvanized steel-tape armour*

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

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