



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

## СБПу 27х1 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

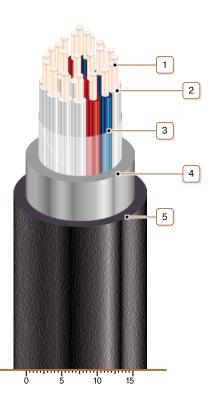
## **TECHNICAL SPECIFICATIONS**

Rated voltage	V	380 / 700
Number and rated diameter of conductors	mm	27 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	381
Rated factory cable length and gross weight of the delivery	m, t	# 12: 1010 · 0.5
on the drums ***		

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