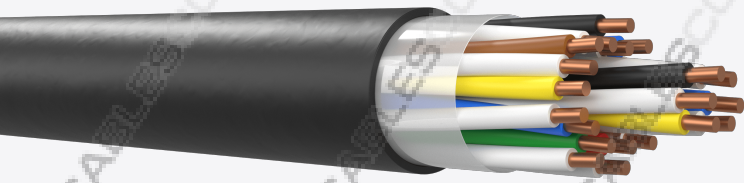


## Cable ZUG-S

RAILWAY SIGNALLING CABLES, MULTICORE, PE SHEATH FOR EXTERNAL INSTALLATIONS WATERBLOCKING AND RODENT RESISTANT



### Description and application

Flexible electric cables intended for the interior equipment of signaling circuits, 6 and 12 pairs. Tinned copper conductors, PVC insulated. Cabling in pairs and assembly in concentric layers. Outer sheath in black PVC, without armour. These cables are flame retardant and mineral oil resistant.

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### Construction

- Conductors:: Tinned annealed copper. Nominal Section 0,4 or 1 mm<sup>2</sup>. Class 5.
- Insulation: PVC.
- Cabling elements: Pairs.
- Assemblage: Marking according to SNCF CT-455. Dielectric tape applied.
- Outer sheath : Black unleaded, oil and UV resistant PVC
- Marking: The sheath shall be marked, at a regular intervals, with the following information:
  - ZUG-S NNp x SSmm<sup>2</sup> - CT 455 - CABLESCOM - NN - Month/Lot - SNCF RÉSEAU - mmmm
  - Other type of marks according to the costumer

## ELECTRICAL CHARACTERISTICS (20°C)

	0.4mm <sup>2</sup>	1mm <sup>2</sup>
Maximum resistance (Ω/km)	50.9/52.2	20.0/20.1
Minimum insulation resistance (MΩxkm, 20°C, 500V)	100	100
Mutual capacity (nF/km, 800 Hz)		
Dielectric strength (Vdc, 2min) Conductor - Conductor	2.500 / 4.000	2.500 / 4.000
Dielectric strength (Vdc, 2min) Conductor - Screen		
AS/DC operating voltage (V)		

## MECHANICAL AND THERMAL PROPERTIES

Maximum allowable radius	15 x R <sub>cable</sub>
Operating temperature range	-25° C to +70° C
Installation temperature range	

## DIMENSIONS AND WEIGHTS

Number of conductors		Cable ZUG-S x 1 Nominal Weight (kg/km)		Nominal OD (mm)
1x2		65		7.6
3x2		135		12.2
6x2		220		14.0
12x2		340		17.1
Number of conductors		Cable ZUG-S x 0.4 Nominal Weight (kg/km)		Nominal OD (mm)
28x2		390		15.8