

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 mm2. 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 SSmm2 CT 455 CABLESCOM NN Month/Lot SNCF RÉSEAU mmmm
 - Other type of marks according to the costumer



Cables de Comunicaciones Zaragoza, SL.

Polígono de Malpica, calle D, nº 83. 50016 Zaragoza - Spain +34 976 729 900 |

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Certified Company ISO 9001 - ISO 14001

All drawings, weights and dimensions details, as well as tube and fibre colours in this document are only indicative and must not be considered contractual.

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 Cable ZUG-S
 2
 O.salomon
 2019-02-10



ELECTRICAL CHARACTERISTICS (20°C)

_g g g	J.	0.4mm2	1mm2
Maximum resistance (Ω/km)	8	50.9/52.2	20.0/20.1
Minimum insulation resistance (M Ω xkm, 20°C, 500V)		100	100
Mutual capacity (nF/km, 800 Hz)	Ē	Š	Ē
Dielectric strength (Vdc, 2min) Conductor - Conductor	197	2.500 / 4.000	2.500 / 4.000
Dielectric strength (Vdc, 2min) Conductor - Screen	ď	Ž	F.
AS/DC operating voltage (V)	8	S	T

MECHANICAL AND THERMAL PROPERTIES

Maximum allowable radius	G.	9	15 x Rcable	G.
Operating temperature range	ğ	ğ	-25º C to +70º C	Ĭ
Installation temperature range	O.	Q ₂	Q,	G)



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DIMENSIONS AND WEIGHTS

4	Cable ZUG-S x 1	9 9	EJ .
Number of conductors	Nominal Weight (kg/km)	Nominal OD (mm)
1x2	65	7.6	Š
3x2	135	12.2	
6x2	220	14.0	5 5
12x29	340	193	19
N N	Cable ZUG-S x 0.4	N	ò
Number of conductors	Nominal Weight (kg/km)	Nominal OD (mm)
C _{28x2}	9390	15.8	<i>Q</i> '



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