

Cable Balise EATSST

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



Description and application

1 pair Railway ERMTS signalling conexión cable, conductors insulated with solid polyethylene. LSZH inner sheath, two steel tapes helically applied armour and violet LSZH outer sheath.

The cable is used for ERTMS beacon signaling connection systems where fire protection is required. Recommended for installation in ducts, trays or in tunnels.

Construction

- Conductors: Annealed copper. Section: 0,9 and 1,4 mm
- Insulation: Solid polyethylene.
- Cabling element: 1 pair.
- Core wrapping: Dielectric tape longitudinally applied with overlap.
- Cable screen: Aluminium-copolymer tape longitudinally applied with overlap.
- Inner sheath: violet LSZH thermoplastic sheath.
- Armour: Two steel tapes helically applied.
- Outer sheath: UV resistant violet LSZH.
- Marking: CABLESCOM/ Year/ Lenght (Other type of marking available under request)



Cables de Comunicaciones Zaragoza, SL.

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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

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 Cable Balise EATSST
 1
 O.salomon
 2022-08-10



J J	¥	0.9	1.4
Maximum resistance (Ω/km)	8	29.0	11.9
Minimum insulation resistance (MΩxkm, 20°C, 500V)	_	≥ 15000	≥ 15000
Mutual capacity (nF/km, 800 Hz)	Š	52±4; Max 58	52±4; Max 58
Dielectric strength (Vdc, 2min) Conductor - Conductor	19	3000	3000
Dielectric strength (Vdc, 2min) Conductor - Screen	Ž	3500	3500
AS/DC operating voltage (V)	8	T	J

MECHANICAL AND THERMAL PROPERTIES

Maximum allowable radius	G.	19	15 x Ø cable	47
Operating temperature range	ğ	Ĭ	-25 °C / +75 °C	ğ
Installation temperature range	Q.	O'	O'	C)*



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Number of conductors Cable Balise EATSST x 0.9 Nominal Weight (kg/km) Nominal OD (mm) 1x2 Cable Balise EATSST x 1.4 Number of conductors Nominal Weight (kg/km) Nominal OD (mm) 1x2 306 14.0



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