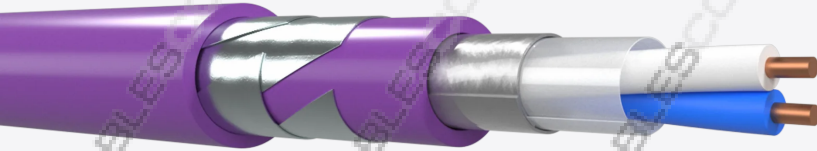


Cable Balise EATSST

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



Description and application

1 pair Railway ERTMS signalling connection 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/ Length (Other type of marking available under request)

ELECTRICAL CHARACTERISTICS (20°C)

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

MECHANICAL AND THERMAL PROPERTIES

Maximum allowable radius	15 x Ø cable
Operating temperature range	-25 °C / +75 °C
Installation temperature range	

DIMENSIONS AND WEIGHTS

Cable Balise EATSST x 0.9

Number of conductors

Nominal Weight (kg/km)

Nominal OD (mm)

1x2

227

11,8

Cable Balise EATSST x 1.4

Number of conductors

Nominal Weight (kg/km)

Nominal OD (mm)

1x2

306

14.0