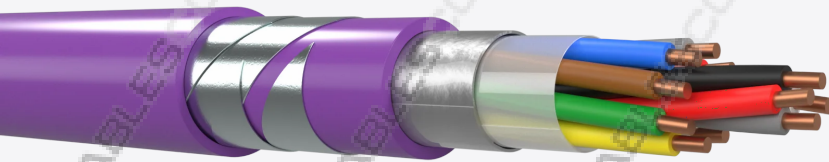


Cable Multiconductor EATSST

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



Description and application

Cables from 2 to 61 conductors. Copper conductor of 1,4mm section insulated with polyethylene. Conductors are stranded in layers to form the core, core that is protected with a double LSZH sheath, aluminium screen and two steel tapes helically applied armour.

They are used in railway applications. Recommended for installation in ducts or buried.

Construction

- Conductors: Annealed copper. Section: 1,4 mm.
- Insulating: Solid polyethylene.
- Cabling element: Conductors.
- Core Construction: Conductors are stranded in layers. See coloured code table.
- Core wrapping: Dielectric tape longitudinally applied with overlap.
- Screen: Aluminium-copolymer tape longitudinally applied with overlap.
- Inner sheath: LSZH material.
- Armour: Two steel tapes helically applied.

- Outer sheath: UV resistant violet LSZH material.
- Marking: CABLESCOM / Year / Length (Other type of marking available under request)



TITLE	EDITION	APPROVED BY	DATE
Cable Multiconductor EATSST	1	O.salomon	2022-08-10

ELECTRICAL CHARACTERISTICS (20°C)

	0.9	1.4
Maximum resistance (Ω/km)	11.9	11.9
Minimum insulation resistance (MΩxkm, 20°C, 500V)	15000	15000
Mutual capacity (nF/km, 800 Hz)		
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 Multiconductor EATSST x 1.4

Number of conductors	Nominal Weight (kg/km)	Nominal OD (mm)
2x1	294	12,6
4x1	321	13,7
7x1	407	15,2
9x1	495	17,4
12x1	554	17,9
19x1	719	19,8
27x1	929	22,7
37x1	1155	25,1
48x1	1421	28,1
61x1	1690	30,2