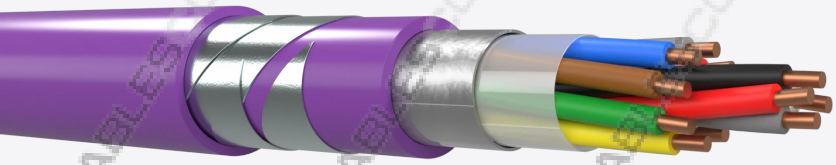
Cable Multiconductor EATSST

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



Description and application

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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 / Lenght (Other type of marking available under request)

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Certified Company ISO 9001 – ISO 14001

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