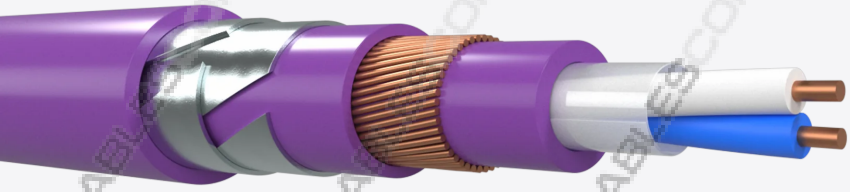
Cable Balise TCCTSST Rk0,3

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



Description and application

1 pair Railway ERMTS signalling conexion cable, conductors insulated with solid polyethylene. This cable is protected against external inductions from the catenary with a reduction factor of 0.3, by means of a double metal sheath (CCTSST) with a copper wires screen and two steel tapes in helix. Violet LSZH inner, intermediate and outdoor sheath.

Recommended for installation in ducts, trays or in tunnels.

Construction

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

TITLE	EDITION	APPROVED BY	DATE
Cable Balise TCCTSST Rk0,3	1	O.salomon	2022-08-10

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±2; Max 58	52±2; 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 TCCTSST Rk0,3 x 0.9

Number of conductors	Nominal Weight (kg/km)	Nominal OD (mm)
1x2	593	16,4

Cable Balise TCCTSST Rk0,3 x 1.4

Number of conductors	Nominal Weight (kg/km)	Nominal OD (mm)
1x2	717	18,6