

## 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)



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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FLECTRICAL	CILADACTEDICTICS	(2000)
FIFCIRICAL	<b>CHARACTERISTICS</b>	171111
FEECHNICAL	CHAIACILINISHES	120 0/

_ J J	z4	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)	5	52±2; Max 58	52±2; Max 58
Dielectric strength (Vdc, 2min) Conductor - Conductor	19	3000	3000
Dielectric strength (Vdc, 2min) Conductor - Screen	ď	3500	3500
AS/DC operating voltage (V)	8	T	J

## **MECHANICAL AND THERMAL PROPERTIES**

Maximum allowable radius	G.	19	15 x Ø cable	49
Operating temperature range	ğ	Ĭ	-25 °C / +75 °C	ğ
Installation temperature range	Q.	0,	C)	O'



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		DIMENSION	IS AND WEIGHTS		
4	9 G	Cable Balise	TCCTSST Rk0,3 x 0.9	4	49
Ì	Number of conductors	Nom	inal Weight (kg/km)	Nomi	nal OD (mm)
1x2	T	593	8	16,4	8
		Cable Balise	TCCTSST Rk0,3 x 1.4		
	Number of conductors	Nominal Weight (kg/km)		Nominal OD (mm)	
1x2		717		18,6	
1	9 9	,97	,67	,99	,97



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