

## Cable Balise EAPSSP

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



## **Description and application**

1 pair Railway ERMTS signalling conexión cable, conductors insulated with solid polyethylene. EAP inner sheath, two steel tapes helically applied armour and black polyethylene outer sheath. Cable protected against rodents.

Recommended for installation in ducts or buried.

## 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: Black polyethylene.
- Armour: Two steel tapes helically applied.
- Outer sheath: UV resistant black polyethylene.
- 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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4	Ÿ	29	29	0.9	J -	1.4	<i>9</i>
Maximum resistance (	Ω/km)	8	ð	29.0	/	11.9	
Minimum insulation res	sistance (MΩxkm,	20°C, 500V)	-	≥ 15000		≥ 15000	
Mutual capacity (nF/km	n, 800 Hz)	Š	Ē	52±2; Max	58	52±2; M	ax 58
Dielectric strength (Vdo	c, 2min) Conduct	or - Conductor	197	3000	19	3000	19
Dielectric strength (Vd	c, 2min) Conducto	or - Screen	Ď,	3500	¥	3500	Y
AS/DC operating voltage	ge (V)	Š	8	T		J	

## **MECHANICAL AND THERMAL PROPERTIES**

Maximum allowable radius	4	19	15 x Ø cable	49
Operating temperature range	ğ	ğ	-25 °C / +75 °C	ğ
Installation temperature range	Q,	O,	O.	C)



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		DIMENS	IONS AND WEIGHTS					
47 49		Cable	Balise EAPSSP x 0.9	4				
Ì	Number of conductors	<i>3</i> / 1	Nominal Weight (kg/km)	òΝ	Nominal OD (mm)			
1x2	F	183	8	N 12	F			
Cable Balise EAPSSP x 1.4								
	Number of conductors	1	Nominal Weight (kg/km)	1	Nominal OD (mm)			
1x2		251		14,2				
	16 16	10	16	1/5	18			



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