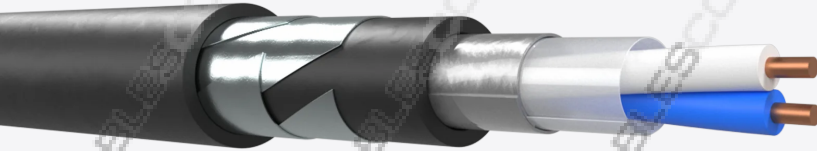


Cable Balise EAPSSP

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)

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 EAPSSP x 0.9

Number of conductors

Nominal Weight (kg/km)

Nominal OD (mm)

1x2

183

12

Cable Balise EAPSSP x 1.4

Number of conductors

Nominal Weight (kg/km)

Nominal OD (mm)

1x2

251

14,2