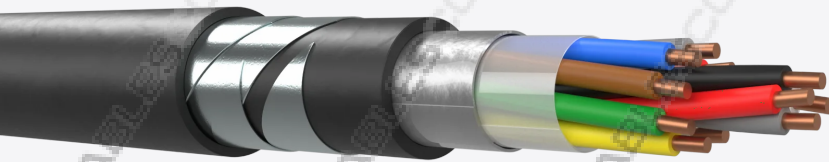


Cable Multiconductor EAPSSP

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



Description and application

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 EAPSSP type sheath. Cable protected against rodents.

They are used in signaling 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: Polyethylene.
- Armour: Two steel tapes helically applied.
- Outer Sheath: UV resistant black polyethylene.
- Marking: CABLESCOM / Year / Length (Other type of marking available under request)

ELECTRICAL CHARACTERISTICS (20°C)

	1.4
Maximum resistance (Ω/km)	11.9
Minimum insulation resistance (MΩxkm, 20°C, 500V)	15000
Mutual capacity (nF/km, 800 Hz)	
Dielectric strength (Vdc, 2min) Conductor - Conductor	3000
Dielectric strength (Vdc, 2min) Conductor - Screen	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 EAPSSP x 1.4

Number of conductors	Nominal Weight (kg/km)	Nominal OD (mm)
2x1	244	12,6
4x1	264	13,7
7x1	343	15,2
9x1	402	16,5
12x1	476	17,9
19x1	631	19,8
27x1	821	22,7
37x1	1034	25,1
48x1	1279	28,1
61x1	1537	30,2