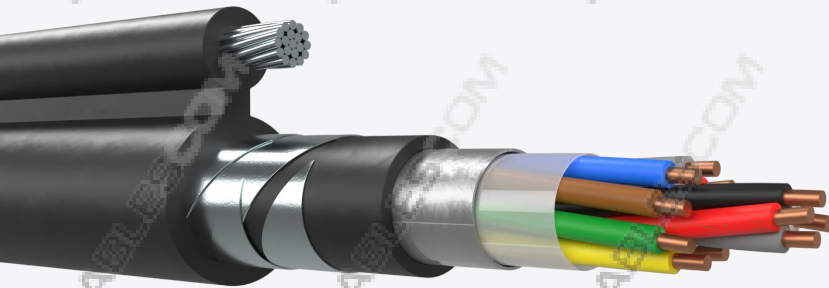


Cable Multiconductor EAPSSP-8

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 PE. Conductors are stranded in layers to form the core, core that is protected with a EAPSSP-8 type sheath. This sheath offers protection against hunters.

They are used as railway signaling cables. Self-supported aerial installation.

Construction

- Conductors: Annealed copper. Section: 1,4mm.
- 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.
- Support: Galvanized Steel wire rope.
- 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-8 x 1.4

Number of conductors	Nominal Weight (kg/km)	Nominal OD (mm)
2x1	357	24,2+14,2
4x1	380	25,3+15,3
7x1	625	31,3+17,8
9x1	709	33,5+20,0
12x1	768	34,0+20,5
19x1	930	35,9+22,4
27x1	1125	38,6+25,1
37x1	1346	41,0+27,5
48x1	1593	43,8+30,3
61x1	1857	45,9+32,4