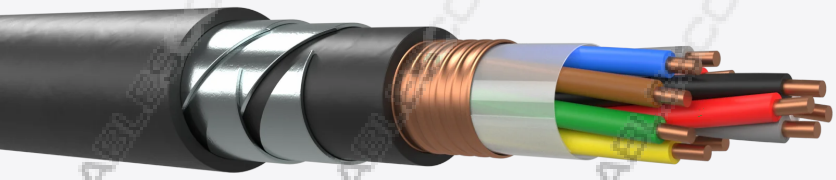
Cable Multiconductor FC-PE-2S-PE Rk0,3

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



Description and application

Cables from 2 to 48 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 non-inductive reduction factor 0,3 CCPSSP type sheath.

They are used as signaling cables, especially in railway applications where protection against HV lines inductions is required. Recommended for installation in ducts or buried. Cable protected against rodents.

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: Corrugated copper tape longitudinally applied with overlap.
- Inner sheath: Polyethylene.
- Armour: Two helically applied steel tapes.
- Outer sheath: UV resistant black polyethylene.
- Marking: CABLESCOM / Year / Lenght (Other type of marking available under request)

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Certified Company ISO 9001 – ISO 14001

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 FC-PE-2S-PE Rk0,3 x 1.4

Number of conductors	Nominal Weight (kg/km)	Nominal OD (mm)
2x1	566	17
4x1	580	17
7x1	684	18,2
9x1	733	20,2
12x1	796	22
19x1	971	23,9
27x1	1220	26,6
37x1	1468	28,7
48x1	1780	32