



Caledonian

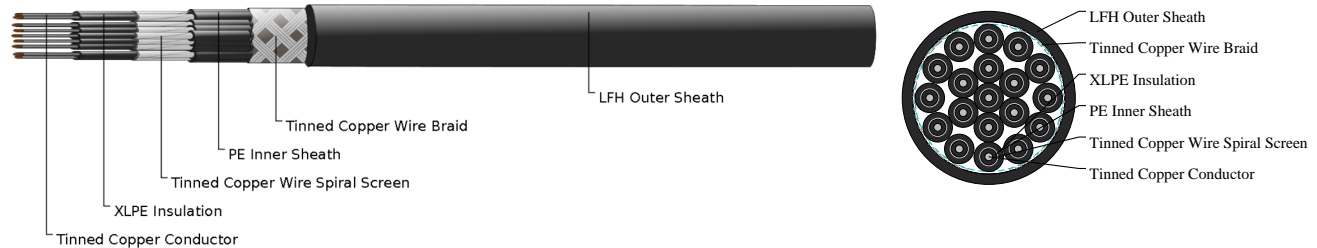
Railway Cables

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Concentric Signalling Cables to SE1047

SE 1047 Type 4 Concentric Signalling Screened LFH Sheathed Cables
RF1047-RC4Z1C4Z1-450/750V-19G1.85S



APPLICATIONS

The mission critical signalling cables are used between central signalling terminations frame and vital signalling equipments.

STANDARDS

SE1047

UNE 21031

VOLTAGE RATING

450/750V

CABLE CONSTRUCTION

Conductors: Solid tinned copper conductors.

Insulation: XLPE.

Screen: TCW (Tinned Copper Wire) spiral screen.

Inner Sheath: PE.

Screen: Tinned Copper Wire Braid.

Outer Sheath: LFH.

PHYSICAL AND THERMAL PROPERTIES

Minimum Bending Radius: 7.5xOD

Temperature Range: -25°C to +85°C (during operation); -10°C to +70°C (during installation)

Electrical Properties

Electrical Characteristics at 20°C:

Maximum DC Conductor Resistance: 11 Ω/km

Maximum DC Screen Resistance: 9.66 Ω/km

DIMENSION AND PARAMETERS

No. of Cores × Cross-sectional Area	No./Nominal Diameter of Strands	Nominal Insulation Thickness	Nom. Overall Diameter	Approx. Weight
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No. x mm ²	no./mm	mm	mm	kg/km
19 x 1.85	1/1.53	0.8	37.2	2120



Fire Retardant
NF C32-070-2.2(C1)
IEC 60332-3-2.4/EN 50266-3.4



Flame Retardant
NF C32-070-2.1(C2)
IEC 60332-1-2/EN 50265-2-1



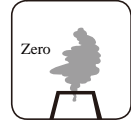
Low Corrosivity
IEC 60754-2/EN 50267-2-2/3
NF C32-074/NF C20-453



Low Smoke Emission
IEC 61034-2 / EN 50268-2
NF C32-073/NF C 20-902



Low Toxicity



Zero Halogen
IEC 60754-1/EN 50267-2-1
NF C20-454