



Caledonian

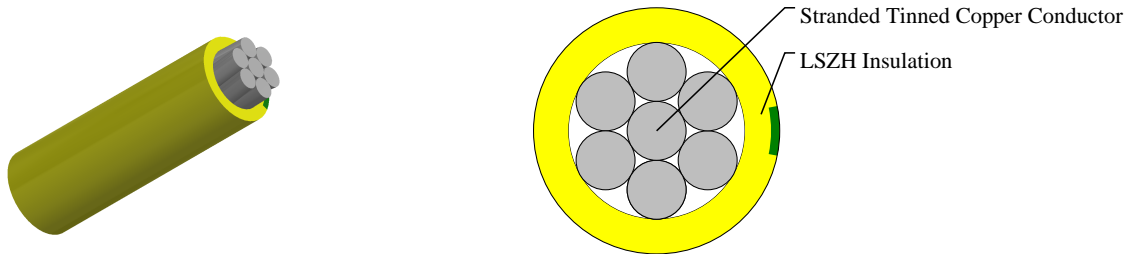
Railway Cables

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0.45/0.75KV Limited Fire Hazard Earthing Cables to SE774

RF774-ES07Z-U-450/750V-1G16S



APPLICATIONS

The single core signaling earth and power cables are used in safety signaling equipment rooms.

STANDARDS

SE774

UNE 21027

VOLTAGE RATING

450/750V

CABLE CONSTRUCTION

Conductors: Stranded tinned copper conductors.

Insulation: Thermoplastic LSZH.

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)

DIMENSION AND PARAMETERS

No. of Cores × Cross-sectional Area	No./Nominal Diameter of Strands	Nominal Insulation Thickness	Nom. Overall Diameter	Approx. Weight	Max. DC Resistance at 20°C
No. × mm ²	no./mm	mm	mm	kg/km	Ω/km
1 x 16	7/1.7	1	8.1	197	1.16



Fire Retardant
NF C32-070-2.2(C1)
IEC60332-3-24/EN50266-2-4



Flame Retardant
NF C32-070-2.1(C2)
IEC60332-1-2/EN50265-2-1



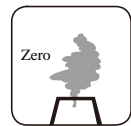
Low Corrosivity
IEC60754-2/EN50267-2-2/3
NF C32-074/NF C20-453



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