



# Caledonian

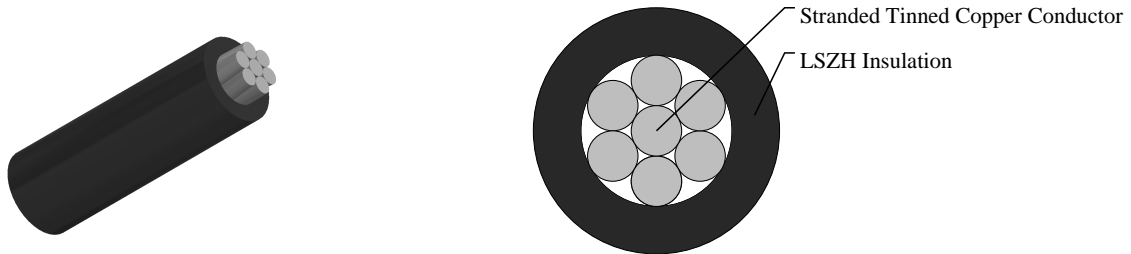
Railway Cables

www.caledonian-cables.com

marketing@caledonian-cables.com

## 0.12KV Limited Fire Hazard Track Circuit Feeder Cables to SE895

RF895-ES05Z-U-300/500V-1G4S



### APPLICATIONS

The cables are designed for making connection across the track at the ballast level to the running rails for the signaling track circuits. They are characterized by being high resistant to mechanical damage, fire and contaminants such as oil and water.

### STANDARDS

SE895

UNE 21027

### VOLTAGE RATING

300/500V

### CABLE CONSTRUCTION

Conductors: Stranded tinned copper conductors to IEC 60228 class 2 or 5.

Insulation: LSZH Insulation.

### 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 <sup>2</sup>	no./mm	mm	mm	kg/km	Ω/km
1 x 4	7/0.85	0.8	6.8	85	4.7



# Caledonian

## Railway Cables

[www.caledonian-cables.com](http://www.caledonian-cables.com)

[marketing@caledonian-cables.com](mailto:marketing@caledonian-cables.com)



Fire Retardant  
NF C32-070-2,2(C1)  
IEC 60332-3-2,4/EN 50266-2,4



Flame Retardant  
NF C32-070-2,1(C2)  
IEC 60332-1-3/EN 50265-2-1



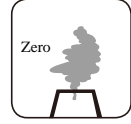
Low Corrosivity  
IEC 60754-2/EN 50267-2,2,3  
NF C32-074/NF C20-453



Low Smoke Emission  
IEC 61034-2 / EN 50268-2  
NF C32-073/NF C 20-462



Low Toxicity



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