



# Caledonian

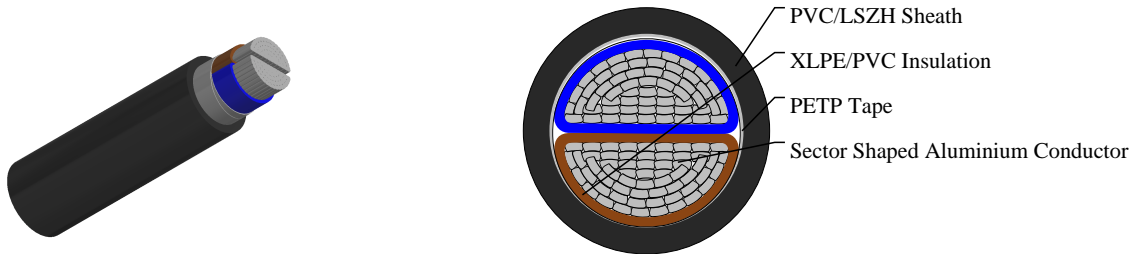
Railway Cables

www.caledonian-cables.com

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## Trackside Signalling Aluminium Power Cables to BR880

RF880-RV-K-0.6/1KV-2G25SAL



### APPLICATIONS

BR880 solid sector shaped conductors for trackside signalling power supplies.

### STANDARDS

- BR880
- BS5467
- BS6346
- UNE 21123
- BS EN 60702

### VOLTAGE RATING

600/1000V

### CABLE CONSTRUCTION

- Conductors: Sector shaped solid plain aluminium to IEC 60228 class 2 or 5.
- Insulation: XLPE type GP8 to BS7655 or PVC type TI 1 to BS 7655.
- Core wrapping: PETP (Polyethylene Terephthalate).
- Sheath: PVC type 9 to BS7655 (LSZH can be offered as an option).

### COLOUR CODE

2 core: Brown/Blue

### PHYSICAL AND THERMAL PROPERTIES

- Minimum Bending Radius: 10xOD
- Temperature Range: -30°C to +70°C (during operation); -10°C +55°C (during installation)

### DIMENSION AND PARAMETERS

No. of Cores × Cross-sectional Area	Nominal Insulation Thickness	Nominal Sheath Thickness	Nom. Overall Diameter	Approx. Weight	Max. DC Resistance at 20°C
No.×mm <sup>2</sup>	mm	mm	mm	kg/km	Ω/km



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## Railway Cables

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2 x 25	1.2	1.8	16.6	455	1.2
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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



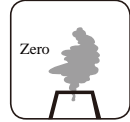
Low Corrosivity  
IEC60754-2/EN50267-2-2/3  
NF C32-074/NF C20-453



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