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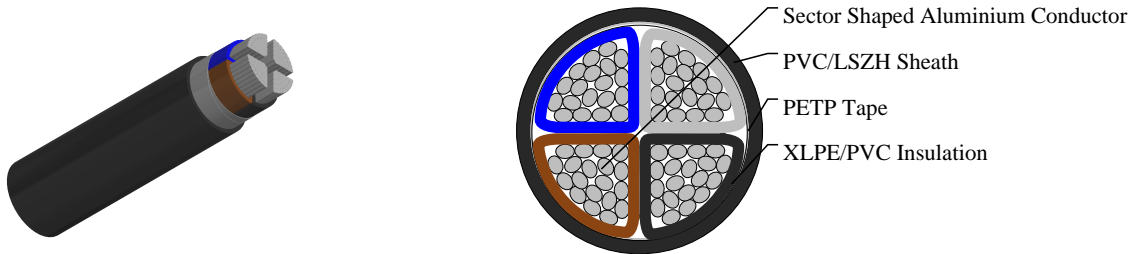
Railway Cables

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Trackside Signalling Aluminium Power Cables to BR880

RF880-RV-K-0.6/1KV-4G70SAL



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

4 core: Blue/Brown/Black/Grey

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 ²	mm	mm	mm	kg/km	Ω/km



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4 x 70	1.4	2	30.6	1750	0.443
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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



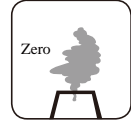
Low Corrosivity
IEC60754-2/EN50267-2-2/3
NF C32-074/NF C20-453



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