



0.6/1KV Limited Fire Hazard Rail Connection Cables to SE902

Applications

The single core high performance power cables are used in safety signalling equipment rooms.

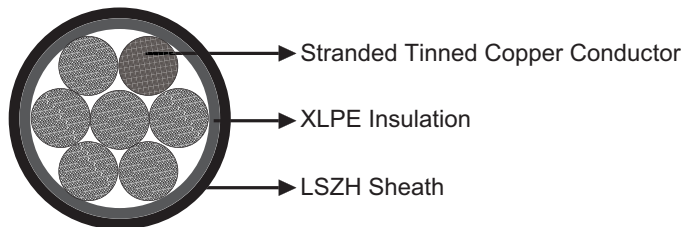
Standards

- SE902
- UNE 21123



Construction

- Conductors: Stranded tinned copper conductors to IEC 60228 class 2 or 5.
- Insulation: XLPE.
- Sheath: LSZH.



Electrical Characteristics at 20°C

Nominal Conductor Cross Section	mm ²	4.0
Maximum DC Conductor Resistance	Ω/km	4.7
Voltage Rating	KV	0.6/0.1

Mechanical and Thermal Properties

- Minimum Bending Radius: 7.5×OD
- Temperature Range: -25°C to +85°C (during operation); -10°C to +70°C (during installation)

Dimensions and Weight

Cable Code	No. of cores & Nominal Conductor Cross Sectional Area No. × mm ²	No. & Nominal Diameter of Strands No./mm	Nominal Insulation Thickness mm	Nominal Overall Diameter mm	Nominal Weight kg/km
RF902-RZ1-U-0.6/1KV-1G4	1×4.0	7/0.85	0.8	21.6	624

U is changed to K if the stranding class is changed from class 2 to class 5

Flame Retardant NF C32-070-2.1(C2) IEC 60332-1/EN 50265-2-1	Fire Retardant NF C32-070-2.2(C1) IEC 60332-3/EN50266	Zero Halogen IEC 60754-1/NF C20-454 EN 50267-2-1	Low Smoke Emission IEC 61034/NFC20-902 EN 50268/NF C32-073	Low Corrosivity EN 50267-2-2/NF C32-074 IEC 60754-2/NF C20-453	Low Toxicity