

300/500V Limited Fire Hazard Track Circuit Feeder Cables to SE895

Applications

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

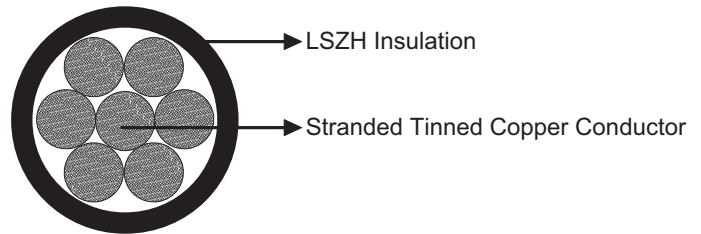


Standards

- SE895
- UNE 21027

Construction

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



Electrical Characteristics at 20°C

Nominal Conductor Cross Section	mm ²	4.0
Maximum DC Conductor Resistance	Ω/km	4.7
Voltage Rating	KV	0.3/0.5

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
RF895-ES05Z-U-300/500V-1G4	1×4.0	7/0.85	0.8	6.8	85

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



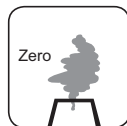
Mineral Oil Resistant



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