



**Network Applications**

Supports Class D, E, EA and F applications as defined in ISO11801:2002

**Electrical Specification and Performance**

The cables are designed and manufactured to conform to the requirements of the structured wiring cabling standards IEC 61156-5 and EN 50288-4-1.

**Fire performance**

- IEC 60332-1-2
- IEC 60332-3-24
- IEC 61034
- IEC 60754-2

**PRODUCT DESCRIPTION**

RailSafe Cat7 S/FTP LSC communication cable is a premium grade Class F Category 7 cable. It exceeds the Category 7 performance standards and is rated to 600MHz. It is suitable for use in all structured wiring cabling systems up to and including Class E and is able to support 10 Gigabit Ethernet protocol. The cable meets the specific fire, smoke and toxicity requirements for use in subsurface rail applications.

**PRODUCT PERFORMANCE**

- Conductor: 23 AWG Solid Copper
- Insulation: Foamed Polyethylene
- Cable: 4 of the above screened pairs
- Braid Screen: Tinned Annealed Copper Wire
- Sheath: Enhanced LSHF compound
- Diameter: 7.2mm

**Mechanical and Environmental**

- Temp - Installation: 0°c to +50°c
- Temp - Operation: 20°c to +75°c
- Max Tensile Load: 10kg per simplex cable
- Min Bend Radius: 8 x Outer Diameter (installation)  
4 x Outer Diameter (operation)

Part Number	Length (m)	Weight (kg/km)	Reel Size Flange x Width	Weight (kg/reel)	Reels per Euro pallet
RailSafe Cat7 S/FTP LSC	500	53.3	400 x 390	29.7	12