



Network Applications

Supports Class D, E, and EA 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, EN 50288-10-1 and TIA 568C

Fire Performance

London Underground 1-085
IEC 60332-1-2
IEC 60332-3-24
IEC 61034
IEC 60754-2

PRODUCT DESCRIPTION

RailSafe Category 6A S/FTP LSC communication cable is a premium grade Class EA Category 6A cable. It exceeds the Category 6A performance standards and is rated to 500MHz. It is suitable for use in all structured wiring cabling systems up to and including Class EA 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.

APPROVALS

London Underground: 2337

PRODUCT PERFORMANCE

Conductor: 23 AWG Solid Copper
Insulation: Foamed Polyethylene
Cable: 4 of the above shielded pairs
Drainwire: 0.5mm 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 Cat6AS/FTP LSC	500	53.3	400 x 390	29.7	12