



Network Applications

Supports Class D and E 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 50288-5-1 and TIA 568C.

Fire performance

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

PRODUCT DESCRIPTION

Brand-Rex Cat6 S/FTP LSC communication cable 100 Ohm 4 x 2 x AWG 23/1 is a premium grade Class E Category 6 cable. It exceeds the Category 6 performance standards and is rated to 250MHz. It is suitable for use in all structured wiring cabling systems up to and including Class E and is able to support gigabit Ethernet protocol for installation. 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 pairs
- Braid Screen: Tinned Annealed Copper Wire
- Sheath: 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
- Mini 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 Cat6 S/FTP LSC	500	53.3	400 x 390	29.7	12