

LTC6AUTPCM85

LAN Cable CAT6a Solid UTP CM

The LT-CAT6A-FUTP23A-LSZH is a high-performance Category 6A cable designed for high-speed data transmission in indoor environments. Constructed with 23AWG solid conductors and Foiled Unshielded Twisted Pairs (F/UTP), it ensures excellent signal integrity and minimal crosstalk, making it ideal for 10 Gigabit Ethernet networks and other bandwidth-intensive applications.

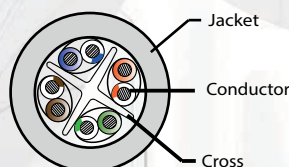
Encased in a Low Smoke Zero Halogen (LSZH) jacket, the cable is engineered to enhance fire safety by reducing toxic emissions, making it a reliable choice for enterprise data centers, commercial buildings, and secure communication infrastructures.

Key Features

- CAT6a solid UTP for high-speed data up to 1 Gbps
- CMR (riser) rated for vertical installations
- 23 AWG solid copper conductors
- Supports bandwidth up to 250 MHz
- Durable PVC jacket
- Standards compliant (TIA/EIA & ISO/IEC)

Key Highlights

- Solid copper conductors for better performance
- CMR-rated jacket for safe vertical installations
- Twisted pair design reduces interference
- Color-coded wires for easy setup
- Backward compatible with Cat5/Cat5e
- Standards-compliant for reliable networking



Cat 6 UTP

Applications

- Structured cabling for commercial and residential buildings
- High-speed Ethernet networks (10/100/1000 Mbps)
- Power over Ethernet (PoE) devices such as IP cameras and access points
- Data centers and server rooms
- VoIP and video conferencing systems

Specifications

Electrical Specifications

Impedance	100 ± 15 Ω (1-600 mHz)
Pair to Ground	330Pf/100m Max.
Propagation Delay Skew	45ns/100m
Dielectric Strength	AC-500V/1 Min

