

LTC6AUCMR85

LAN Cable CAT6a Solid UTP CMR

The LTC6AUCMR85 Cable LAN Cable CAT6a Solid UTP CMR is a high-performance Ethernet cable designed for advanced data transmission in demanding network environments. Engineered with solid copper conductors and Foiled Twisted Pair (FTP) shielding, it minimizes electromagnetic interference and ensures reliable, high-speed connectivity.

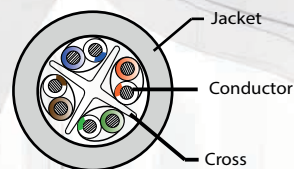
Ideal for structured cabling in commercial buildings, data centers, and enterprise networks, this CAT6a cable supports up to 10 Gigabit Ethernet over distances up to 100 meters. Its CM-rated jacket makes it suitable for general-purpose communications wiring within walls and ceilings, delivering robust performance and enhanced durability.

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

