

LTC6UCMR58

LAN Cable CAT6 Solid UTP CMR

The LTC6UCMR58 is a high-performance Category 6 (CAT6) Solid Unshielded Twisted Pair (UTP) LAN cable, designed to deliver fast and reliable data transmission for structured cabling systems. Built with solid copper conductors and rated for CMR (Riser) applications, this cable is ideal for vertical runs in walls or between floors in commercial and residential buildings.

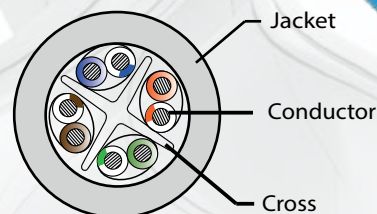
Its robust construction ensures enhanced performance with minimal signal loss and reduced crosstalk, making it perfect for Gigabit Ethernet networks, IP cameras, VoIP, and other high-speed data applications. Whether for new installations or upgrades, the LTC6UCMR58 offers consistent connectivity and long-term durability for demanding network environments.

Key Features

- CAT6 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
- Supports up to 250 MHz bandwidth
- 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

Specifications

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Conductor	Solid Bare Copper, 4P AWG23
Conductor Size	1/0.575 mm
Insulation	HDPE 0.20 mm, Dia 0.97 mm
Jacket	PVC 0.50 mm, OD 5.80 ± 0.2 mm
Rated Temp	75 °C
Product Certification	UL CMR
Reference Std	UL 444
Max DC Resistance	72 Ω/km
Min Insulation Res	100 MΩ·m

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

