

LTC6UOUT695

LAN Cable CAT6 Solid Outdoor

The LTC6UOUT695 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 Office Buildings buildings.

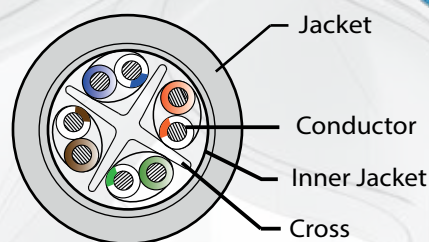
Its robust construction ensures enhanced performance with minimal signal loss and reduced crosstalk, making it perfect for Gigabit Ethernet networks, IP cameras, VoIP, and other high-speed data applications. Whether for new installations or upgrades, the LTC6UOUT695 offers consistent connectivity and 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 Outdoor

Specifications

Electrical Specifications

Impedance	100 ± 15 Ω
Mutual Capacitance Max.nf/1000ft	17.1
DC Resistance Unbalance of a pair	5% Max.
Pair to Ground	330Pf/100m Max.
Propagation Delay Skew	45ns/100m
Normal Velocity of Propagation	68% at 250 MHz
Max. Conductor DC Resistance (4/m)	72
Min. Insulation Resistance (4-m) HD PE	100m
Dielectric Strength	AC-500V/1 Min

Applications

- Structured cabling for commercial and residential buildings
- High-speed Ethernet networks (10/100/1000 Mbps)
- 10 Base-T, 100 Base-T (IEEE802.3)
- 1000 Base-Tx Gigabit Ethernet
- Broadband Video
- VoIP and video conferencing systems

