



UTP Cable - Category 5e (Enhanced)

NEX1's top quality 250-MHz Category 5e UTP cable has exceeded TIA/EIA-568, ISO/IEC 11801 standards. It features extremely low-attenuation and Power Sum crosstalk characteristics over an extended frequency range.

Features:

- Characterized to 250MHz for use with high speed LAN (Gigabit Ethernet, ATM 622 or broadband video)
- UL and ETL verified to ANSI/TIA/EIA-568A Category 5e (enhanced) specifications
- Ideal for ISDN, voice 10Base-T, 4-/16-Mbps Token Ring, 100Base-T, 100-Mbps, TP-PMDD, T1, 155-Mbps ATM, 622-Mbps ATM, 1000Base-T, and other high-speed applications.
- UL®/CSA listed CM, CMR, CMP

Physical Specifications

- ◆ FR-PVC cable construction
- ◆ Cable Type: 4-pair unshielded-twisted pair solid copper
- ◆ Minimum bend radius: 8 x total diameter
- ◆ Insulation: HDPE, FRPE, 100% FEP
- ◆ Conductors: 24 AWG, solid bare annealed copper
- ◆ Operating temperature: -20°C to +75°C

Electrical Specifications

- ◆ Impedance: 100 Ω ± 15%
- ◆ Near-End Crosstalk: 40.2 dB (min.) @ 100MHz
- ◆ Attenuation: 22 dB/100 m @ (max.) 100 MHz
- ◆ Maximum mutual capacitance: 17.1nf/1,000 ft.
- ◆ Maximum DC resistance: 28.6 Ω/1,000 ft.
- ◆ Maximum Propagation delay skew: 91.4ns/1,000ft.
- ◆ Return Loss: 20.1dB (min.) @ 100MHz

◆ Color options: **Grey**, **Blue**

No. of Pairs	Jacket Color	Insulation Thickness(mm/inch)	Weight/Length
4	Grey or Blue	0.2/0.0079	Reel Box: 11.0 kg / 304.8 m (25.3 lb./1,000 ft.)

◆ Category 5e UTP Cable

Part Number	Description	Std. Pkg. Qty.
NUTP-C5e	Category 5e unshielded twisted pair (UTP) cable. Grey Color.	1 (Reel box; 11.0 kg /304.8 m)
NUTP-C5e-B	Category 5e unshielded twisted pair (UTP) cable. Blue Color.	1 (Reel box; 11.0 kg /304.8 m)