

Category 6 UTP Patch Cords



Category 6 UTP Patch cords are manufactured using high quality un-shielded 4 Pair Stranded cable and features cable strain relief boot with plug latch protection cap. These high performance components available in broad range of lengths. They are designed to meet or exceed Cat6 specifications. Conductors are securely mated with unshielded RJ45 plug design to deliver superior performance

Features

- Complies to ANSI/TIA 568.2-D, ISO/IEC 11801 & IEC 61156-6 Standard
- Quality 24 AWG Standards flexible cable
- High Grade 50m Gold Plated RJ45 connectors
- Injection Molded boot/Strain Relief Boot for improved performance
- Soft Latch-cover design for easy depression
- RoHS Compliant
- UL Listed & ETL Verified

Mechanical Specifications

Conductor AWG	: 24
Cable Diameter	: $5.86 \pm 0.3\text{mm}$
Conductor Material	: Stranded Bare Copper
Type of Cable	: U/UTP
Number of Pairs	: 4
Application	: Indoor
Insulation Diameter	: $0.95 \pm 0.05\text{mm}$
Insulation Material	: PE
Insulation Thickness	: 0.16mm
Jacket Type	: LSZH
Jacket thickness	: $0.6 \pm 0.02\text{mm}$
Jacket color	: Blue, Green, Red, Yellow, Grey

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Electrical Specifications

Conductor DC Resistance	: 14Ω / 100m
Resistance Unbalance	: 50mΩ
Impedance	: 100 ± 15%
Frequency	: 250MHz
Maximum Insertion Loss	: 39.4dB
Minimum NEXT	: 37.6-38.8dB
Minimum Return loss	: 14dB
Minimum ACR-F	: 19.8dB
Minimum PSNEXT	: 36.3dB
Minimum PSACRF	: 16.8dB
Propagation Delay	: 536dB
Delay Skew	: 45ns/100m

Environmental Specifications

Installation Temperature	: 0°C to 50°C
Storage Temperature	: -20°C to +70°C
Operating Temperature	: -10°C to +60°C

Regulatory Compliances/Certifications

- ETL Verified
- UL Listed
- RoHS Certified

Ordering Information

Partcode	Description
20200-XXXX	High Speed Gigabit 24AWG UTP Patch Cord, LSZH, C6, Blue
20210-XXXX	High Speed Gigabit 24AWG UTP Patch Cord, LSZH, C6, Green
20220-XXXX	High Speed Gigabit 24AWG UTP Patch Cord, LSZH, C6, Red
20230-XXXX	High Speed Gigabit 24AWG UTP Patch Cord, LSZH, C6, Yellow
20250-XXXX	High Speed Gigabit 24AWG UTP Patch Cord, LSZH, C6, Grey
	XXXX= Length in Centimeter