

## Category 6 Solid Patch Cords, LSZH



Category 6 UTP Patch cords are manufactured using high quality un-shielded 4 Pair Solid 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

- Comply IEC 61156-6 Standard
- Quality 23 AWG Solid 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	: 23
Cable Diameter	: 6.00 ±0.2mm
Conductor Material	: Solid Bare Copper
Type of Cable	: U/UTP
Number of Pairs	: 4
Application	: Indoor
Insulation Diameter	: 0.95 ±0.05mm
Insulation Material	: Polyethylene
Insulation Thickness	: 0.16mm
Jacket Type	: LSZH
Jacket thickness	: 0.6±0.02mm
Jacket color	: Grey

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## Electrical Specifications

Conductor DC Resistance	: 14Ω / 100m
Resistance Unbalance	: 5% Max
Mutual Capacitance	: 5.6nF/100 meters Max
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	: 490ns
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 Verified
- RoHS Certified

## Ordering Information

Partcode	Description
30250-XXXX	High Speed Gigabit 23AWG UTP Solid Patch Cord, Grey LSZH, C6
30251-XXXX	High Speed Gigabit 23AWG UTP Single End Solid Patch Cord, Grey LSZH, C6
	XXXX = Length in Decimeter