

# Category 6 Slim Patch Cords



Category 6 Slim Patch Cords design provides a reduced diameter profile which offers a perfect solution for high density patching applications that require a smaller and more flexible cable. These high performance components available in broad range of lengths. They are designed to meet Category 6 specifications. Conductors are securely mated with unshielded RJ45 plug design to deliver superior performance. These cables support data rates up to 1Gbps for demanding high - speed voice, video and data applications.

## Features

- Quality 28 AWG Stranded flexible cable
- High Grade 50m Gold Plated RJ45 connectors
- A 38% smaller cross sectional area and a 33% reduction in weight
- Soft Latch-cover design for easy depression
- RoHS Compliant
- UL Listed & ETL Verified
- Covered under 3C3® Performance Warranty

## Mechanical Specifications

Conductor AWG	: 28
Cable Diameter	: 3.6 ±0.2mm
Conductor Material	: Stranded Bare Copper
Type of Cable	: U/UTP
Number of Pairs	: 4
Application	: Indoor
Insulation Diameter	: 0.60 ±0.08mm
Insulation Material	: PE
Maximum Insulation Resistance	: 376 Ω/Km
Jacket Type	: LSZH
Jacket thickness	: 0.6±0.02mm
Jacket color	: Grey, Blue

# Category 6 Slim Patch Cords

## Electrical Specifications

Conductor DC Resistance	: 14Ω / 100m
Resistance Unbalance	: 50mΩ
Impedance	: 100 ± 15%
Frequency	: 250MHz
Maximum Insertion Loss	: 39.4
Minimum NEXT	: 37.6-38.8
Minimum Return loss	: 14
Minimum ACR-F	: 19.8
Minimum PSNEXT	: 36.3
Minimum PSACRF	: 16.8
Propagation Delay	: 536
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
17500-XXXX	High Speed Gigabit 28AWG UTP Slim Patch Cord, LSZH, C6, Blue
17550-XXXX	High Speed Gigabit 28AWG UTP Slim Patch Cord, LSZH, C6, Grey
	XXXX= Length in Centimeter