

# 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 are 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
- 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	: 376Ω/Km
Jacket Type	: LSZH
Jacket thickness	: 0.6±0.02mm
Jacket color	: Blue, Green, Red, Yellow, White, Grey, Black, Orange, Purple

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### Electrical Specifications

Conductor DC Resistance	:	14Ω / Km
Resistance Unbalance	:	50mΩ
Impedance	:	100 ± 15%
Frequency	:	250MHz

### Environmental Specifications

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

### Standard Compliances/Certifications

- RoHS Certified

### Ordering Information

**Product Code**  
175D0-XXXX

**Description**

High Speed Gigabit 28AWG UTP Slim Patch Cord, LSZH, C6  
D = Color (0 – Blue, 1 – Green\*\*, 2 – Red\*\*, 3 – Yellow\*\*, 4 –  
White\*\*, 5 – Grey, 6 – Black\*\*, 7 – Orange\*\*, 8 – Purple\*\*)  
XXXX= Length in Centimeters  
\*\* MOQ is Applicable