

Category 6A Slim Patch Cords



Category 6A 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	:	3.9±0.2mm
Conductor Material	:	Stranded Bare Copper
Type of Cable	:	U/UTP
Number of Pairs	:	4
Application	:	Indoor
Insulation Diameter	:	0.64±0.05mm
Insulation Material	:	PE
Maximum Insulation Resistance	:	10MΩ/Km
Jacket Type	:	LSZH
Jacket thickness	:	0.55±0.02mm
Jacket color	:	Blue, Green, Red, Grey

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Electrical Specifications

Conductor DC Resistance	:	28.227Ω / Km
Resistance Unbalance	:	2%Max
Impedance	:	100 ± 15%
Frequency	:	500MHz

Environmental Specifications

Installation Temperature	:	0°C to 50°C
Storage Temperature	:	-25°C to +60°C
Operating Temperature	:	-25°C to +60°C

Standard Compliances/Certifications

- RoHS Certified

Ordering Information

Product Code	Description
176D0-XXXX	High Speed 10 Gigabit 28AWG UTP Slim Patch Cord, LSZH, C6A D = Color (0 – Blue**, 1 – Green**, 2 – Red**, 5 – Grey) XXXX= Length in Centimeter ** MOQ is applicable