

**Product:** [C6D4C106001M](#) 



CAT 6 Shielded Copper Patch Cord, 28 AWG, F/UTP, LSZH, Blue, 1 Meter

### Product Description

CAT 6 Shielded Copper Patch Cord, 28 AWG, F/UTP, LSZH, Blue, 1 Meter

### Technical Specifications

#### Product Overview

Suitable Applications:	Horizontal and building cabling. Support current and future Category6 & 5e applications, such as: 1000Base-T (Gigabit Ethernet), 10Base-T, 100Base-TX.
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#### Physical Characteristics (Overall)

##### Conductor

AWG	Stranding	Material	No. of Pairs
28	Stranded	BC - Bare Copper	4

##### Insulation

Material
PE - Polyethylene

##### Outer Shield

Drainwire Material
Stranded Tinned Copper

##### Outer Jacket

Material	Nominal Diameter
LSZH - Low Smoke Zero Halogen (Flame Retardant)	4.8 mm

Wiring Scheme:	T568A/B-T568A/B
Packaging:	Individually packaged in a clear plastic bag.

#### Connectors

##### Materials

Description	Material	Type
Plug	Shielded Polycarbonate	RJ45
Boot	Polycarbonate	Snagless
Front Connection	Phosphor bronze plated with 1.27µm gold over 2.54µm nickel undercoat	Blades

#### Electrical Characteristics

Dielectric Strength:	750 V AC (RMS)
Current Rating:	1.5 A
Insulation Resistance:	5 G ohm*km
Max Contact Resistance:	20 mOhm
Rated Voltage:	120 V DC

#### Temperature Range

Installation Temperature Range:	0°C To +55°C
Operating Temperature Range:	-20°C To +75°C

## Mechanical Characteristics

Plug /Jack Compatibility:	RJ45
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### Termination Interface

Termination	Connection	Durabilities
RJ45	Mated Connection	750 Cycles

## Standards

ISO/IEC Compliance:	ISO/IEC 11801-1
Data Category:	Category 6
TIA/EIA Compliance:	ISO/IEC 11801-1, ANSI/TIA/EIA 568 C.2

## Applicable Environmental and Other Programs

Environmental Space:	LSZH
EU Directive 2002/95/EC (RoHS):	Yes

## Suitability

Suitability - Indoor:	Yes
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## Related Part Numbers

Related Parts:	CAT6 Modular Jacks, CAT6 Patch Panels
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## History

Update and Revision:	Revision Number: 0.8 Revision Date: 05-16-2022
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