



Product: [C554104001M](#)



CAT5E Copper patch cord, UTP, 24 AWG, LSZH , Yellow, 1 Meter

## Product Description

CAT5E Copper patch cord, UTP, 24 AWG, LSZH , Yellow, 1 Meter

## Technical Specifications

### Product Overview

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

#### Conductor

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

#### Insulation

Material
PE - Polyethylene (Foam)

#### Outer Jacket

Material	Nominal Diameter
LSZH - Low Smoke Zero Halogen (Flame Retardant)	5.7 mm

Wiring Scheme:	T568A/B (Straight) - T568A-B (Cross-over)
Packaging:	Individually packaged in a clear plastic bag.

### Connectors

#### Materials

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

### Electrical Characteristics

Dielectric Strength:	1000 V AC (RMS)
Current Rating:	1.5 A
Insulation Resistance:	500 MOhm min
Max Contact Resistance:	20 mOhm
Rated Voltage:	30 V AC

### Temperature Range

Installation Temperature Range:	0°C To +50°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 5e
ANSI Compliance:	ANSI/TIA/EIA 568 C.2

## Applicable Environmental and Other Programs

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

## Suitability

Suitability - Indoor:	Yes
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## Related Part Numbers

Related Parts:	CAT5e Modular Jacks, CAT5e Patch panels
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## History

Update and Revision:	Revision Number: 0.10 Revision Date: 10-06-2022
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