

**Product:** [C654103012E](#) 



CAT 6 unshielded patch cord, LSZH Stranded, T568A and T568B compatible, Orange, 12 Feet

### Product Description

CAT 6 unshielded patch cord, LSZH Stranded, T568A and T568B compatible, Orange, 12 Feet

### Technical Specifications

#### Product Overview

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

##### Conductor

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

##### Insulation

Material
PE - Polyethylene

##### Outer Jacket

Material
LSZH - Low Smoke Zero Halogen (Flame Retardant)

Wiring Scheme:	T568A/B (Straight)
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:	72 V DC Max.

#### Temperature Range

Installation Temperature Range:	0°C To +50°C
Operating Temperature Range:	-20°C To +60°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
ANSI Compliance:	ANSI/TIA/EIA 568 C.2

## Applicable Environmental and Other Programs

Environmental Space:	Indoor
EU Directive 2011/65/EU (RoHS 2):	Yes

## Suitability

Suitability - Indoor:	Yes
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## Related Part Numbers

Related Parts:	CAT6 & CAT5e Modular Jacks, CAT6 & CAT5e Patch panels
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## History

Update and Revision:	Revision Number: 0.8 Revision Date: 06-17-2022
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