



Product: [CAD4Z108003M](#)

CAT6A 28AWG UTP LSZH Stranded Patch Cord, Grey, 3 Meter



## Product Description

CAT6A 28AWG UTP LSZH Stranded Patch Cord, Grey, 3 Meter

## Technical Specifications

### Product Overview

Suitable Applications:	Horizontal and building cabling. Support current and future Category 6A, 10GX, Category6 & 5e applications, such as: 10Base-T, 100Base-TX, 1000Base-T and 10G Base-T
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### Physical Characteristics (Overall)

#### Conductor

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

#### Insulation

Material
PE - Polyethylene (Foam)

#### Outer Shield

Type	Description	Material	Coverage [%]
Braid	Overall Shielding	Tinned Copper (TC)	30%

Table Notes: Individual Shielding: 2 twisted insulated conductors with overall foil laminated aluminium-polyester

#### Outer Jacket

Material	Nominal Diameter
LSZH - Low Smoke Zero Halogen (Flame Retardant)	6.1 mm

Wiring Scheme: T568A/B-T568A/B

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

Rated Voltage: 72 V DC Max.

### Temperature Range

Installation Temperature Range: 0°C To +50°C

Operating Temperature Range: -30°C To +60°C

### Mechanical Characteristics

## Termination Interface

Termination	Connection	Durabilities
RJ45	Mated Connection	750 Cycles

## Standards

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

## Applicable Environmental and Other Programs

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

## Flammability, LSOH, Toxicity Testing

IEC Flammability:	IEC 60332-1-2
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## Related Part Numbers

Related Parts:	CAT6A Modular Jacks, CAT6A Patch panels
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## History

Update and Revision:	Revision Number: 0.14 Revision Date: 09-25-2023
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