



**Product:** [C6D4Z107002M](#)



CAT6 28AWG Small diameter Copper Patch Cord, UTP, LSZH, Purple, 2 Meter

## Product Description

CAT6 28AWG Small diameter Copper Patch Cord, UTP, LSZH, Purple, 2 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
28	Stranded	BC - Bare Copper	4

#### Insulation

Material
PE - Polyethylene

#### Outer Jacket

Material	Nominal Diameter
LSZH - Low Smoke Zero Halogen (Flame Retardant)	3.8 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

#### Conductor DCR

Max. Conductor DCR
236 Ohm/km

Dielectric Strength:	750 V AC (RMS)
Insulation Resistance:	5 G ohm*km
Rated Voltage:	30 V DC Max.

#### Impedance

Nominal Characteristic Impedance
100 Ohm

### Temperature Range

Installation Temperature Range:	0°C To +50°C
Operating Temperature Range:	-20°C To +75°C

## Mechanical Characteristics

### Termination Interface

Termination	Connection	Durabilities
RJ45	Mated Connection	750 Cycles

## Standards

ISO/IEC Compliance:	ISO/IEC 11801-1, IEC 61156-5
Data Category:	Category 6A

## Applicable Environmental and Other Programs

Environmental Space:	Indoor
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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: 0.16 Revision Date: 12-07-2023
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