



Product: [CAD4Z109001M](#)

CAT6A 28AWG UTP LSZH Stranded Patch Cord, White, 1 Meter



## Product Description

CAT6A 28AWG UTP LSZH Stranded Patch Cord, White, 1 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 |
|------------------------|--|

### 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 |
|-------------------|---------------|

## Related Part Numbers

|                |   |
|----------------|---|
| Related Parts: | CAT6A Modular Jacks, CAT6A Patch panels |
|----------------|---|

## History

|                      |   |
|----------------------|---|
| Update and Revision: | Revision Number: 0.12 Revision Date: 09-25-2023 |
|----------------------|---|

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