



Product: [CAD4Z1050D5M](#)

CAT6A 28AWG UTP LSZH Stranded Patch Cord, Green, 0.5 Meter



Product Description

CAT6A 28AWG UTP LSZH Stranded Patch Cord, Green, 0.5 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

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