



Product: [C654107001M](#)



CAT 6 unshielded patch cord, LSZH Stranded, T568A and T568B compatible, Purple, 1 Meter

Product Description

CAT 6 unshielded patch cord, LSZH Stranded, T568A and T568B compatible, Purple, 1 Meter

Technical Specifications

Product Overview

| | |
|------------------------|---|
| Suitable Applications: | Horizontal and building cabling. Support current and future Category6 & 5e applications, such as: 10Base-T, 100Base-TX. |
|------------------------|---|

Physical Characteristics (Overall)

Conductor

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

Insulation

| Material |
|-------------------|
| PE - Polyethylene |

Outer Jacket

| Material | Nominal Diameter |
|---|------------------|
| LSZH - Low Smoke Zero Halogen (Flame Retardant) | 5.9 mm |

| | |
|----------------|---|
| 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 |
|---------------------------|------|

Termination Interface

| Termination | Connection | Durabilities |
|-------------|------------------|--------------|
| RJ45 | Mated Connection | 750 Cycles |

Standards

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

Applicable Environmental and Other Programs

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

Suitability

| | |
|-----------------------|-----|
| Suitability - Indoor: | Yes |
|-----------------------|-----|

Related Part Numbers

| | |
|----------------|---|
| Related Parts: | CAT6 & CAT5e Modular Jacks, CAT6 & CAT5e Patch panels |
|----------------|---|

History

| | |
|----------------------|---|
| Update and Revision: | Revision Number: 0.20 Revision Date: 08-16-2023 |
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