



Product: [C6D4C109002M](#)

CAT 6 Shielded Copper Patch Cord, 28 AWG, F/UTP, LSZH, White, 2 Meter



Product Description

CAT 6 Shielded Copper Patch Cord, 28 AWG, F/UTP, LSZH, White, 2 Meter

Technical Specifications

Product Overview

| | |
|------------------------|--|
| Suitable Applications: | Horizontal and building cabling. Support current and future Category6 & 5e applications, such as: 1000Base-T (Gigabit Ethernet), 10Base-T, 100Base-TX. |
|------------------------|--|

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material | No. of Pairs |
|-----|-----------|------------------|--------------|
| 28 | Stranded | BC - Bare Copper | 4 |

Insulation

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

Outer Shield

| Drainwire Material |
|------------------------|
| Stranded Tinned Copper |

Outer Jacket

| Material | Nominal Diameter |
|---|------------------|
| LSZH - Low Smoke Zero Halogen (Flame Retardant) | 4.8 mm |

| | |
|----------------|---|
| Wiring Scheme: | T568A/B-T568A/B |
| Packaging: | Individually packaged in a clear plastic bag. |

Connectors

Materials

| Description | Material | Type |
|------------------|--|----------|
| Plug | Shielded Polycarbonate | RJ45 |
| Boot | Polycarbonate | Snagless |
| Front Connection | Phosphor bronze plated with 1.27µm gold over 2.54µm nickel undercoat | Blades |

Electrical Characteristics

| | |
|-------------------------|----------------|
| Dielectric Strength: | 750 V AC (RMS) |
| Current Rating: | 1.5 A |
| Insulation Resistance: | 5 G ohm*km |
| Max Contact Resistance: | 20 mOhm |
| Rated Voltage: | 120 V DC |

Temperature Range

| | |
|---------------------------------|--------------|
| Installation Temperature Range: | 0°C To +55°C |
|---------------------------------|--------------|

| | |
|------------------------------|----------------|
| Operating Temperature Range: | -20°C To +75°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 |
| TIA/EIA Compliance: | ISO/IEC 11801-1, ANSI/TIA/EIA 568 C.2 |

Applicable Environmental and Other Programs

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

Suitability

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

Related Part Numbers

| | |
|----------------|---------------------------------------|
| Related Parts: | CAT6 Modular Jacks, CAT6 Patch Panels |
|----------------|---------------------------------------|

History

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|----------------------|--|
| Update and Revision: | Revision Number: 0.6 Revision Date: 05-05-2022 |
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