



Product: [CAT5E UTP CMR PATCH CORDS](#)

CAT5e UTP CMR Patch Cords



Product Description

CAT5E UTP CMR Patch Cords

Technical Specifications

Product Overview

| | |
|------------------------|-----------------------------------------------------------------------|
| Suitable Applications: | IBDN System 1200, TIA Category 5E, ISO Class D, 1000BASE-T, 100BASE-T |
|------------------------|-----------------------------------------------------------------------|

Physical Characteristics (Overall)

| | |
|---------------------------|-----------------------------------------------|
| Total Number of Pairs: | 4 |
| Overall Nominal Diameter: | 0.21 in |
| Wiring Scheme: | T568A/B-T568A/B |
| Packaging: | Individually packaged in a clear plastic bag. |

Connectors

Materials

| Description | Material | Color |
|------------------|---------------------------------------------------------------|-------------|
| Boot | Elastomer | Translucent |
| Conductor | BC - Bare Copper | |
| Front Connection | Blades Phosphor Bronze with 50u inch Gold over Nickel Plating | |
| Inner Jacket | | |
| Insulation | PO - Polyolefin | |
| Outer Jacket | PVC - Polyvinyl Chloride | |

Electrical Characteristics

| | |
|-------------------------|----------------------------------|
| Dielectric Strength: | 1,000 V RMS @ 60 Hz for 1 minute |
| Current Rating: | 1.500 A |
| Insulation Resistance: | 500 M-Ohm Minimum |
| Max Contact Resistance: | 20 mOhm |

Temperature Range

| | |
|---------------------------------|----------------|
| Installation Temperature Range: | -10°C To +60°C |
| Storage Temperature Range: | -40°C To +70°C |
| Operating Temperature Range: | -10°C To +60°C |

Mechanical Characteristics

| | |
|----------------------------------|----------|
| Min Bend Radius (Overall Cable): | 1.040 in |
| Plug /Jack Compatibility: | RJ45 |

Termination Interface

| Connection | Durabilities |
|------------------|--------------|
| Mated Connection | 750 Cycles |

Standards

| | |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UL Rating: | Riser |
| ISO/IEC Compliance: | IEC 60603-7 |
| Data Category: | Category 5e |
| TIA/EIA Compliance: | Category 5E - TIA 568.2-D, ISO/IEC 11801-1 |
| IEEE Compliance: | Power Over Ethernet (PoE) IEEE 802.3at type 1 and 2 (up to 30W), IEEE802.3bt/D1.7 type 3 and 4 (up to 100W), CISCO UPOE (up to 60W), Power over HDBaseTTM (up to 100W) |

Applicable Environmental and Other Programs

| | |
|---------------------------------|--------|
| Environmental Space: | Indoor |
| EU Directive 2002/95/EC (RoHS): | Yes |
| MII Order #39 (China RoHS): | EUP 50 |

Flammability, LS0H, Toxicity Testing

| | |
|-----------------|----------------|
| Safety Listing: | c(UL)us Listed |
|-----------------|----------------|

Related Part Numbers

| | |
|----------------|------------------------------------------------------|
| Related Parts: | CAT5E Modular Jacks and Couplers, CAT5E Patch Panels |
|----------------|------------------------------------------------------|

Product Notes

| | |
|-----------|-------------------------------------------------------------------------|
| Labeling: | Belden Part Number, Performance Acronym, Wiring Scheme and Cord Length. |
|-----------|-------------------------------------------------------------------------|

History

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|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.232 Revision Date: 11-09-2022 |
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