



**Part Number: 10GX UTP CMR PATCH CORDS**

**10GX UTP CMR Patch Cords**

**Product Description**

10GX UTP CMR Patch Cords

**Technical Specifications**

**Product Overview**

|                        |  |
|------------------------|--|
| Environmental Space:   | Riser  |
| Suitable Applications: | IBDN System 10GX, TIA Category 6A, ISO Class EA, 10GBASE-T |

**Physical Characteristics (Overall)**

|                           |   |
|---------------------------|---|
| Total Number of Pairs:    | 4   |
| Conductor Size:           | 24 AWG  |
| Overall Nominal Diameter: | 0.265 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     | PVC - Polyvinyl Chloride                                      |             |
| 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 Temp Range: | -10°C To +60°C |
| Storage Temp Range:      | -40°C To +70°C |
| Operating Temp 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   |
| Data Category:                | Category 6A   |
| Telecommunications Standards: | Category 6A - TIA 568-C.2, Class EA - ISO/IEC 11801:2002 Ed.2 Amendment 2 |
| Other Standards:              | FCC Part 68, Subpart F, IEC 60603-7                                       |

## Applicable Environmental and Other Programs

|                                       |            |
|---------------------------------------|------------|
| EU Directive 2002/95/EC (RoHS):       | Yes        |
| EU RoHS Compliance Date (yyyy-mm-dd): | 2006-01-01 |
| MII Order #39 (China RoHS):           | EUP 50     |

## Flammability, LSOH, Toxicity Testing

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

## Part Number

|                |  |
|----------------|--|
| Related Parts: | 10GX Modular Jacks and Couplers, 10GX Patch Panels |
|----------------|--|

## Product Notes

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

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