



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, LS0H, 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. |
|-----------|-------------------------------------------------------------------------|

© 2019 Belden, Inc  
All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.