



# Part Number: 10GX UTP CMR TRACEABLE CORDS

# 10GX UTP CMR Traceable Cords

## **Product Description**

10GX UTP CMR Traceable Cords

## **Technical Specifications**

#### **Product Overview**

| Environmental Space:   | Riser  | ı |
|------------------------|--|---|
| Suitable Applications: | IBDN System 10GX, TIA Category 6A, ISO Class EA, 10GBASE-T. 20 and 40 sec. flashing high intensity LED Battery operated (included), push button activated. |   |

## **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 Tin Plating over Nickel |             |
| 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                          |
| Shielding:              | UTP - Unshielded                 |

#### **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

## Variants

| Item #     | Color | Length |
|------------|-------|--------|
| CAT1100025 | Black | 25 ft  |
| CAT1100020 | Black | 20 ft  |
| CAT1100015 | Black | 15 ft  |
| CAT1100014 | Black | 14 ft  |
| CAT1100013 | Black | 13 ft  |
| CAT1100012 | Black | 12 ft  |
| CAT1100011 | Black | 11 ft  |
| CAT1100010 | Black | 10 ft  |
| CAT1100009 | Black | 9 ft   |
| CAT1100008 | Black | 8 ft   |
| CAT1100007 | Black | 7 ft   |
| CAT1100006 | Black | 6 ft   |
| CAT1100005 | Black | 5 ft   |
| CAT1100004 | Black | 4 ft   |
| CAT1100003 | Black | 3 ft   |
| CAT1100002 | Black | 2 ft   |
| CAT1100001 | Black | 1 ft   |
| CAT1106100 | Blue  | 100 ft |
| CAT1106080 | Blue  | 80 ft  |
| CAT1106050 | Blue  | 50 ft  |
| CAT1106035 | Blue  | 35 ft  |
| CAT1106030 | Blue  | 30 ft  |
| CAT1106025 | Blue  | 25 ft  |
| CAT1106020 | Blue  | 20 ft  |
| CAT1106015 | Blue  | 15 ft  |
| CAT1106014 | Blue  | 14 ft  |
| CAT1106013 | Blue  | 13 ft  |
| CAT1106012 | Blue  | 12 ft  |
| CAT1106011 | Blue  | 11 ft  |
| CAT1106010 | Blue  | 10 ft  |
| CAT1106009 | Blue  | 9 ft   |
| CAT1106008 | Blue  | 8 ft   |
| CAT1106006 | Blue  | 6 ft   |
| CAT1106005 | Blue  | 5 ft   |
| CAT1106004 | Blue  | 4 ft   |
| CAT1106003 | Blue  | 3 ft   |
| CAT1106002 | Blue  | 2 ft   |
| CAT1106001 | Blue  | 1 ft   |
| CAT1108025 | Gray  | 25 ft  |
| CAT1108020 | Gray  | 20 ft  |
| CAT1108014 | Gray  | 14 ft  |

| CAT1108013 | Gray   | 13 ft  |
|------------|--------|--------|
| CAT1108012 | Gray   | 12 ft  |
| CAT1108011 | Gray   | 11 ft  |
| CAT1108010 | Gray   | 10 ft  |
| CAT1108009 | Gray   | 9 ft   |
| CAT1108008 | Gray   | 8 ft   |
| CAT1108007 | Gray   | 7 ft   |
| CAT1108006 | Gray   | 6 ft   |
| CAT1108005 | Gray   | 5 ft   |
| CAT1108003 | Gray   | 3 ft   |
| CAT1108002 | Gray   | 2 ft   |
| CAT1108001 | Gray   | 1 ft   |
| CAT1105100 | Green  | 100 ft |
| CAT1105025 | Green  | 25 ft  |
| CAT1105050 | Green  | 50 ft  |
| CAT1105030 |        | 20 ft  |
|            | Green  |        |
| CAT1105015 | Green  | 15 ft  |
| CAT1105014 | Green  | 14 ft  |
| CAT1105013 | Green  | 13 ft  |
| CAT1105012 | Green  | 12 ft  |
| CAT1105011 | Green  | 11 ft  |
| CAT1105010 | Green  | 10 ft  |
| CAT1105009 | Green  | 9 ft   |
| CAT1105008 | Green  | 8 ft   |
| CAT1105007 | Green  | 7 ft   |
| CAT1105006 | Green  | 6 ft   |
| CAT1105005 | Green  | 5 ft   |
| CAT1105004 | Green  | 4 ft   |
| CAT1105003 | Green  | 3 ft   |
| CAT1105002 | Green  | 2 ft   |
| CAT1105001 | Green  | 1 ft   |
| CAT1103025 | Orange | 25 ft  |
| CAT1103020 | Orange | 20 ft  |
| CAT1103015 | Orange | 15 ft  |
| CAT1103014 | Orange | 14 ft  |
| CAT1103013 | Orange | 13 ft  |
| CAT1103012 | Orange | 12 ft  |
| CAT1103011 | Orange | 11 ft  |
| CAT1103010 | Orange | 10 ft  |
| CAT1103010 | Orange | 9 ft   |
|            |        |        |
| CAT1103008 | Orange | 8 ft   |
| CAT1103007 | Orange | 7 ft   |
| CAT1103006 | Orange | 6 ft   |
| CAT1103005 | Orange | 5 ft   |
| CAT1103004 | Orange | 4 ft   |
| CAT1103003 | Orange | 3 ft   |
| CAT1103002 | Orange | 2 ft   |
| CAT1103001 | Orange | 1 ft   |
| CAT1102025 | Red    | 25 ft  |
| CAT1102020 | Red    | 20 ft  |
| CAT1102015 | Red    | 15 ft  |
| CAT1102014 | Red    | 14 ft  |
| CAT1102013 | Red    | 13 ft  |
| CAT1102012 | Red    | 12 ft  |
| CAT1102011 | Red    | 11 ft  |
| CAT1102010 | Red    | 10 ft  |
| CAT1102009 | Red    | 9 ft   |
| CAT1102008 | Red    | 8 ft   |
| CAT1102007 | Red    | 7 ft   |
| CATT102007 |        |        |
| CAT1102007 | Red    | 6 ft   |

| CAT1102004 | Red    | 4 ft  |
|------------|--------|-------|
| CAT1102003 | Red    | 3 ft  |
| CAT1102002 | Red    | 2 ft  |
| CAT1102001 | Red    | 1 ft  |
| CAT1109050 | White  | 50 ft |
| CAT1109025 | White  | 25 ft |
| CAT1109020 | White  | 20 ft |
| CAT1109015 | White  | 15 ft |
| CAT1109014 | White  | 14 ft |
| CAT1109013 | White  | 13 ft |
| CAT1109012 | White  | 12 ft |
| CAT1109011 | White  | 11 ft |
| CAT1109009 | White  | 9 ft  |
| CAT1109008 | White  | 8 ft  |
| CAT1109007 | White  | 7 ft  |
| CAT1109006 | White  | 6 ft  |
| CAT1109005 | White  | 5 ft  |
| CAT1109003 | White  | 3 ft  |
| CAT1109002 | White  | 2 ft  |
| CAT1109001 | White  | 1 ft  |
| CAT1104025 | Yellow | 25 ft |
| CAT1104020 | Yellow | 20 ft |
| CAT1104015 | Yellow | 15 ft |
| CAT1104014 | Yellow | 14 ft |
| CAT1104013 | Yellow | 13 ft |
| CAT1104012 | Yellow | 12 ft |
| CAT1104011 | Yellow | 11 ft |
| CAT1104010 | Yellow | 10 ft |
| CAT1104009 | Yellow | 9 ft  |
| CAT1104008 | Yellow | 8 ft  |
| CAT1104007 | Yellow | 7 ft  |
| CAT1104006 | Yellow | 6 ft  |
| CAT1104005 | Yellow | 5 ft  |
| CAT1104004 | Yellow | 4 ft  |
| CAT1104003 | Yellow | 3 ft  |
| CAT1104002 | Yellow | 2 ft  |
| CAT1104001 | Yellow | 1 ft  |
|            |        |       |

#### Notes

Labeling:

Belden Part Number, Performance Acronym, Wiring Scheme and Cord Length.

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