



**Product:** [10GX F/UTP CMR PATCH CORDS](#)

10GX F/UTP CMR Patch Cords

Product Description

10GX F/UTP CMR Patch Cords

Technical Specifications

Product Overview

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

Physical Characteristics (Overall)

|                           |                                               |
|---------------------------|-----------------------------------------------|
| Total Number of Pairs:    | 4                                             |
| Overall Nominal Diameter: | 0.275 in                                      |
| Wiring Scheme:            | T568A/B-T568A/B                               |
| Packaging:                | Individually packaged in a clear plastic bag. |

Connectors

Materials

| Description      | Material                                                      | Color       |
|------------------|---------------------------------------------------------------|-------------|
| Boot             | Lexan                                                         | 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 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): | 2.200 in |
| Plug / Jack Compatibility:       | RJ45     |

Termination Interface

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

Standards

|                     |                                                                           |
|---------------------|---------------------------------------------------------------------------|
| UL Rating:          | Riser                                                                     |
| Data Category:      | Category 6A                                                               |
| TIA/EIA Compliance: | 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

|                                 |        |
|---------------------------------|--------|
| Environmental Space:            | Riser  |
| 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: | 10GX Shielded Modular Jacks and Couplers, 10GX Shielded Patch Panels |
|----------------|----------------------------------------------------------------------|

Variants

| Item #     | Color | Length |
|------------|-------|--------|
| CAF1100001 | Black | 1 ft   |
| CAF1100002 | Black | 2 ft   |
| CAF1100003 | Black | 3 ft   |
| CAF1100005 | Black | 5 ft   |
| CAF1100006 | Black | 6 ft   |
| CAF1100007 | Black | 7 ft   |
| CAF1100008 | Black | 8 ft   |
| CAF1100009 | Black | 9 ft   |
| CAF1100010 | Black | 10 ft  |
| CAF1100011 | Black | 11 ft  |
| CAF1100012 | Black | 12 ft  |
| CAF1100013 | Black | 13 ft  |
| CAF1100014 | Black | 14 ft  |
| CAF1100015 | Black | 15 ft  |
| CAF1100016 | Black | 16 ft  |
| CAF1100017 | Black | 17 ft  |
| CAF1100018 | Black | 18 ft  |
| CAF1100019 | Black | 19 ft  |
| CAF1100020 | Black | 20 ft  |
| CAF1100025 | Black | 25 ft  |
| CAF1100030 | Black | 30 ft  |
| CAF1100033 | Black | 33 ft  |
| CAF1100035 | Black | 35 ft  |
| CAF1100040 | Black | 40 ft  |
| CAF1100045 | Black | 45 ft  |
| CAF1100050 | Black | 50 ft  |
| CAF1100060 | Black | 60 ft  |
| CAF1100066 | Black | 66 ft  |
| CAF1100070 | Black | 70 ft  |
| CAF1100080 | Black | 80 ft  |
| CAF1100100 | Black | 100 ft |
| CAF1100110 | Black | 110 ft |
| CAF1100120 | Black | 120 ft |
| CAF1100130 | Black | 130 ft |
| CAF1100164 | Black | 164 ft |
| CAF1100170 | Black | 170 ft |
| CAF1100262 | Black | 262 ft |
| CAF1106001 | Blue  | 1 ft   |
| CAF1106002 | Blue  | 2 ft   |
| CAF1106003 | Blue  | 3 ft   |
| CAF1106004 | Blue  | 4 ft   |

|            |       |        |
|------------|-------|--------|
| CAF1106005 | Blue  | 5 ft   |
| CAF1106006 | Blue  | 6 ft   |
| CAF1106007 | Blue  | 7 ft   |
| CAF1106008 | Blue  | 8 ft   |
| CAF1106009 | Blue  | 9 ft   |
| CAF1106010 | Blue  | 10 ft  |
| CAF1106011 | Blue  | 11 ft  |
| CAF1106012 | Blue  | 12 ft  |
| CAF1106013 | Blue  | 13 ft  |
| CAF1106014 | Blue  | 14 ft  |
| CAF1106015 | Blue  | 15 ft  |
| CAF1106016 | Blue  | 16 ft  |
| CAF1106017 | Blue  | 17 ft  |
| CAF1106018 | Blue  | 18 ft  |
| CAF1106019 | Blue  | 19 ft  |
| CAF1106020 | Blue  | 20 ft  |
| CAF1106025 | Blue  | 25 ft  |
| CAF1106030 | Blue  | 30 ft  |
| CAF1106033 | Blue  | 33 ft  |
| CAF1106035 | Blue  | 35 ft  |
| CAF1106040 | Blue  | 40 ft  |
| CAF1106045 | Blue  | 45 ft  |
| CAF1106050 | Blue  | 50 ft  |
| CAF1106065 | Blue  | 65 ft  |
| CAF1106075 | Blue  | 75 ft  |
| CAF1106100 | Blue  | 100 ft |
| CAF1106130 | Blue  | 130 ft |
| CAF1101003 | Brown | 3 ft   |
| CAF1101005 | Brown | 5 ft   |
| CAF1101007 | Brown | 7 ft   |
| CAF1101009 | Brown | 9 ft   |
| CAF1108001 | Gray  | 1 ft   |
| CAF1108002 | Gray  | 2 ft   |
| CAF1108003 | Gray  | 3 ft   |
| CAF1108004 | Gray  | 4 ft   |
| CAF1108005 | Gray  | 5 ft   |
| CAF1108006 | Gray  | 6 ft   |
| CAF1108007 | Gray  | 7 ft   |
| CAF1108008 | Gray  | 8 ft   |
| CAF1108009 | Gray  | 9 ft   |
| CAF1108010 | Gray  | 10 ft  |
| CAF1108011 | Gray  | 11 ft  |
| CAF1108012 | Gray  | 12 ft  |
| CAF1108013 | Gray  | 13 ft  |
| CAF1108014 | Gray  | 14 ft  |
| CAF1108015 | Gray  | 15 ft  |
| CAF1108016 | Gray  | 16 ft  |
| CAF1108017 | Gray  | 17 ft  |
| CAF1108018 | Gray  | 18 ft  |
| CAF1108019 | Gray  | 19 ft  |
| CAF1108020 | Gray  | 20 ft  |
| CAF1108025 | Gray  | 25 ft  |
| CAF1108030 | Gray  | 30 ft  |
| CAF1108033 | Gray  | 33 ft  |
| CAF1108035 | Gray  | 35 ft  |
| CAF1108040 | Gray  | 40 ft  |
| CAF1108045 | Gray  | 45 ft  |
| CAF1108050 | Gray  | 50 ft  |
| CAF1108075 | Gray  | 75 ft  |
| CAF1105001 | Green | 1 ft   |
| CAF1105002 | Green | 2 ft   |

|            |        |       |
|------------|--------|-------|
| CAF1105003 | Green  | 3 ft  |
| CAF1105004 | Green  | 4 ft  |
| CAF1105005 | Green  | 5 ft  |
| CAF1105006 | Green  | 6 ft  |
| CAF1105007 | Green  | 7 ft  |
| CAF1105008 | Green  | 8 ft  |
| CAF1105009 | Green  | 9 ft  |
| CAF1105010 | Green  | 10 ft |
| CAF1105011 | Green  | 11 ft |
| CAF1105012 | Green  | 12 ft |
| CAF1105013 | Green  | 13 ft |
| CAF1105014 | Green  | 14 ft |
| CAF1105015 | Green  | 15 ft |
| CAF1105016 | Green  | 16 ft |
| CAF1105017 | Green  | 17 ft |
| CAF1105018 | Green  | 18 ft |
| CAF1105019 | Green  | 19 ft |
| CAF1105020 | Green  | 20 ft |
| CAF1105025 | Green  | 25 ft |
| CAF1105030 | Green  | 30 ft |
| CAF1105035 | Green  | 35 ft |
| CAF1105040 | Green  | 40 ft |
| CAF1105045 | Green  | 45 ft |
| CAF1105050 | Green  | 50 ft |
| CAF1107001 | Purple | 1 ft  |
| CAF1107002 | Purple | 2 ft  |
| CAF1107003 | Purple | 3 ft  |
| CAF1107004 | Purple | 4 ft  |
| CAF1107005 | Purple | 5 ft  |
| CAF1107006 | Purple | 6 ft  |
| CAF1107007 | Purple | 7 ft  |
| CAF1107008 | Purple | 8 ft  |
| CAF1107009 | Purple | 9 ft  |
| CAF1107010 | Purple | 10 ft |
| CAF1107011 | Purple | 11 ft |
| CAF1107012 | Purple | 12 ft |
| CAF1107013 | Purple | 13 ft |
| CAF1107014 | Purple | 14 ft |
| CAF1107015 | Purple | 15 ft |
| CAF1107020 | Purple | 20 ft |
| CAF1102001 | Red    | 1 ft  |
| CAF1102002 | Red    | 2 ft  |
| CAF1102003 | Red    | 3 ft  |
| CAF1102004 | Red    | 4 ft  |
| CAF1102005 | Red    | 5 ft  |
| CAF1102006 | Red    | 6 ft  |
| CAF1102007 | Red    | 7 ft  |
| CAF1102008 | Red    | 8 ft  |
| CAF1102009 | Red    | 9 ft  |
| CAF1102011 | Red    | 11 ft |
| CAF1102012 | Red    | 12 ft |
| CAF1102013 | Red    | 13 ft |
| CAF1102014 | Red    | 14 ft |
| CAF1102015 | Red    | 15 ft |
| CAF1102020 | Red    | 20 ft |
| CAF1102025 | Red    | 25 ft |
| CAF1109001 | White  | 1 ft  |
| CAF1109002 | White  | 2 ft  |
| CAF1109003 | White  | 3 ft  |
| CAF1109004 | White  | 4 ft  |
| CAF1109005 | White  | 5 ft  |

|            |        |       |
|------------|--------|-------|
| CAF1109006 | White  | 6 ft  |
| CAF1109007 | White  | 7 ft  |
| CAF1109008 | White  | 8 ft  |
| CAF1109009 | White  | 9 ft  |
| CAF1109010 | White  | 10 ft |
| CAF1109011 | White  | 11 ft |
| CAF1109012 | White  | 12 ft |
| CAF1109013 | White  | 13 ft |
| CAF1109014 | White  | 14 ft |
| CAF1109015 | White  | 15 ft |
| CAF1109016 | White  | 16 ft |
| CAF1109017 | White  | 17 ft |
| CAF1109018 | White  | 18 ft |
| CAF1109019 | White  | 19 ft |
| CAF1109020 | White  | 20 ft |
| CAF1109025 | White  | 25 ft |
| CAF1109030 | White  | 30 ft |
| CAF1109033 | White  | 33 ft |
| CAF1109035 | White  | 35 ft |
| CAF1109040 | White  | 40 ft |
| CAF1109045 | White  | 45 ft |
| CAF1109050 | White  | 50 ft |
| CAF1109065 | White  | 65 ft |
| CAF1109075 | White  | 75 ft |
| CAF1104001 | Yellow | 1 ft  |
| CAF1104002 | Yellow | 2 ft  |
| CAF1104003 | Yellow | 3 ft  |
| CAF1104004 | Yellow | 4 ft  |
| CAF1104005 | Yellow | 5 ft  |
| CAF1104006 | Yellow | 6 ft  |
| CAF1104007 | Yellow | 7 ft  |
| CAF1104008 | Yellow | 8 ft  |
| CAF1104009 | Yellow | 9 ft  |
| CAF1104010 | Yellow | 10 ft |
| CAF1104011 | Yellow | 11 ft |
| CAF1104012 | Yellow | 12 ft |
| CAF1104013 | Yellow | 13 ft |
| CAF1104014 | Yellow | 14 ft |
| CAF1104015 | Yellow | 15 ft |
| CAF1104016 | Yellow | 16 ft |
| CAF1104017 | Yellow | 17 ft |
| CAF1104018 | Yellow | 18 ft |
| CAF1104019 | Yellow | 19 ft |
| CAF1104020 | Yellow | 20 ft |
| CAF1104025 | Yellow | 25 ft |
| CAF1104030 | Yellow | 30 ft |
| CAF1104035 | Yellow | 35 ft |
| CAF1104040 | Yellow | 40 ft |
| CAF1104045 | Yellow | 45 ft |
| CAF1104050 | Yellow | 50 ft |

Product Notes

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

History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.170 Revision Date: 05-10-2023 |
|----------------------|--------------------------------------------------|

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