



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

## CAT5E F/UTP CMR Patch Cords

### Product Description

CAT5E F/UTP CMR Patch Cords

### Technical Specifications

#### Product Overview

|                        |   |
|------------------------|---|
| Suitable Applications: | IBDN Shielded System Cat 5e, TIA Category 5e, ISO Class D, 1000BASE-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             | Elastomer   | Same as cable |
| 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): | 2.200 in |
| Plug /Jack Compatibility:        | RJ45     |

#### Termination Interface

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

## Standards

|                     |  |
|---------------------|--|
| UL Rating:          | Riser  |
| Data Category:      | Category 5e  |
| TIA/EIA Compliance: | Category 5E - TIA 568-C.2, Class D - 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, LSOH, Toxicity Testing

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

## Part Number

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

## Variants

| Item #     | Color | Length |
|------------|-------|--------|
| C5F1100002 | Black | 2 ft   |
| C5F1100003 | Black | 3 ft   |
| C5F1100004 | Black | 4 ft   |
| C5F1100005 | Black | 5 ft   |
| C5F1100006 | Black | 6 ft   |
| C5F1100007 | Black | 7 ft   |
| C5F1100008 | Black | 8 ft   |
| C5F1100009 | Black | 9 ft   |
| C5F1100010 | Black | 10 ft  |
| C5F1100011 | Black | 11 ft  |
| C5F1100012 | Black | 12 ft  |
| C5F1100013 | Black | 13 ft  |
| C5F1100014 | Black | 14 ft  |
| C5F1100015 | Black | 15 ft  |
| C5F1100020 | Black | 20 ft  |
| C5F1100025 | Black | 25 ft  |
| C5F1100040 | Black | 40 ft  |
| C5F1100050 | Black | 50 ft  |
| C5F1106001 | Blue  | 1 ft   |
| C5F1106002 | Blue  | 2 ft   |
| C5F1106003 | Blue  | 3 ft   |
| C5F1106004 | Blue  | 4 ft   |
| C5F1106005 | Blue  | 5 ft   |
| C5F1106006 | Blue  | 6 ft   |
| C5F1106007 | Blue  | 7 ft   |
| C5F1106008 | Blue  | 8 ft   |
| C5F1106009 | Blue  | 9 ft   |
| C5F1106010 | Blue  | 10 ft  |
| C5F1106011 | Blue  | 11 ft  |
| C5F1106012 | Blue  | 12 ft  |
| C5F1106013 | Blue  | 13 ft  |
| C5F1106014 | Blue  | 14 ft  |
| C5F1106015 | Blue  | 15 ft  |
| C5F1106016 | Blue  | 16 ft  |
| C5F1106018 | Blue  | 18 ft  |
| C5F1106020 | Blue  | 20 ft  |
| C5F1106022 | Blue  | 22 ft  |
| C5F1106024 | Blue  | 24 ft  |
| C5F1106025 | Blue  | 25 ft  |
| C5F1106026 | Blue  | 26 ft  |
| C5F1106027 | Blue  | 27 ft  |

|            |       |       |
|------------|-------|-------|
| C5F1106028 | Blue  | 28 ft |
| C5F1106030 | Blue  | 30 ft |
| C5F1106040 | Blue  | 40 ft |
| C5F1106050 | Blue  | 50 ft |
| C5F1106066 | Blue  | 66 ft |
| C5F1106082 | Blue  | 82 ft |
| C5F1108001 | Gray  | 1 ft  |
| C5F1108002 | Gray  | 2 ft  |
| C5F1108003 | Gray  | 3 ft  |
| C5F1108004 | Gray  | 4 ft  |
| C5F1108005 | Gray  | 5 ft  |
| C5F1108006 | Gray  | 6 ft  |
| C5F1108007 | Gray  | 7 ft  |
| C5F1108008 | Gray  | 8 ft  |
| C5F1108009 | Gray  | 9 ft  |
| C5F1108010 | Gray  | 10 ft |
| C5F1108011 | Gray  | 11 ft |
| C5F1108012 | Gray  | 12 ft |
| C5F1108013 | Gray  | 13 ft |
| C5F1108014 | Gray  | 14 ft |
| C5F1108015 | Gray  | 15 ft |
| C5F1108020 | Gray  | 20 ft |
| C5F1108025 | Gray  | 25 ft |
| C5F1108050 | Gray  | 50 ft |
| C5F1108095 | Gray  | 95 ft |
| C5F1102003 | Red   | 3 ft  |
| C5F1102004 | Red   | 4 ft  |
| C5F1102005 | Red   | 5 ft  |
| C5F1102007 | Red   | 7 ft  |
| C5F1102010 | Red   | 10 ft |
| C5F1102015 | Red   | 15 ft |
| C5F1102025 | Red   | 25 ft |
| C5F1109001 | White | 1 ft  |
| C5F1109002 | White | 2 ft  |
| C5F1109003 | White | 3 ft  |
| C5F1109004 | White | 4 ft  |
| C5F1109005 | White | 5 ft  |
| C5F1109006 | White | 6 ft  |
| C5F1109007 | White | 7 ft  |
| C5F1109008 | White | 8 ft  |
| C5F1109009 | White | 9 ft  |
| C5F1109010 | White | 10 ft |
| C5F1109011 | White | 11 ft |
| C5F1109012 | White | 12 ft |
| C5F1109013 | White | 13 ft |
| C5F1109014 | White | 14 ft |
| C5F1109015 | White | 15 ft |
| C5F1109025 | White | 25 ft |
| C5F1109050 | White | 50 ft |

## Product Notes

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

## History

|                      |  |
|----------------------|--|
| Update and Revision: | Revision Number: 0.157 Revision Date: 03-16-2021 |
|----------------------|--|

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