



Product: [CAT6+ F/UTP CMR PATCH CORDS](#) 

CAT6+ F/UTP CMR Patch Cords

Product Description

CAT6+ F/UTP CMR Patch Cords

Technical Specifications

Product Overview

| | |
|------------------------|--------------------------------------------------------------------|
| Suitable Applications: | IBDN Shielded System 2400, TIA Category 6, ISO Class E, 1000BASE-T |
|------------------------|--------------------------------------------------------------------|

Physical Characteristics (Overall)

| | |
|---------------------------|-----------------------------------------------|
| Total Number of Pairs: | 4 |
| Overall Nominal Diameter: | 0.26 in |
| Wiring Scheme: | T568A/B-T568A/B |
| Packaging: | Individually packaged in a clear plastic bag. |

Connectors

Materials

| Materials | Color | Description | Material |
|--------------------------|---------------|------------------|---------------------------------------------------------------|
| | Same as cable | Boot | Elastomer |
| | | Conductor | BC - Bare Copper |
| | | Front Connection | Blades Phosphor Bronze with 50u inch Gold over Nickel Plating |
| | | Inner Jacket | PVC - Polyvinyl Chloride |
| PO - Polyolefin | | Inner Jacket | PVC - Polyvinyl Chloride |
| PVC - Polyvinyl Chloride | | Inner 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): | 2.080 in |
| Plug /Jack Compatibility: | RJ45 |

Termination Interface

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

Standards

| | |
|---------------------|-------------------------------------------------------------------------|
| UL Rating: | Riser |
| Data Category: | Category 6+ |
| TIA/EIA Compliance: | Category 6 - TIA 568-C.2, Class E - ISO/IEC 11801:2002 Ed.2 Amendment 2 |
| Other Compliance: | FCC Part 68, Subpart F, IEC 60603-7 |

Applicable Environmental and Other Programs

| | |
|---------------------------------------|------------|
| Environmental Space: | Riser |
| 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: | CAT6+ Shielded KeyConnect Modular Jacks and Couplers, Shielded Patch Panels |
|----------------|-----------------------------------------------------------------------------|

Variants

| Item # | Color | Length |
|------------|-------|--------|
| C6F1100001 | Black | 1 ft |
| C6F1100002 | Black | 2 ft |
| C6F1100003 | Black | 3 ft |
| C6F1100004 | Black | 4 ft |
| C6F1100005 | Black | 5 ft |
| C6F1100006 | Black | 6 ft |
| C6F1100007 | Black | 7 ft |
| C6F1100008 | Black | 8 ft |
| C6F1100009 | Black | 9 ft |
| C6F1100010 | Black | 10 ft |
| C6F1100011 | Black | 11 ft |
| C6F1100012 | Black | 12 ft |
| C6F1100013 | Black | 13 ft |
| C6F1100014 | Black | 14 ft |
| C6F1100015 | Black | 15 ft |
| C6F1100020 | Black | 20 ft |
| C6F1100025 | Black | 25 ft |
| C6F1100050 | Black | 50 ft |
| C6F1100082 | Black | 82 ft |
| C6F1106001 | Blue | 1 ft |
| C6F1106002 | Blue | 2 ft |
| C6F1106003 | Blue | 3 ft |
| C6F1106004 | Blue | 4 ft |
| C6F1106005 | Blue | 5 ft |
| C6F1106006 | Blue | 6 ft |
| C6F1106007 | Blue | 7 ft |
| C6F1106008 | Blue | 8 ft |
| C6F1106009 | Blue | 9 ft |
| C6F1106010 | Blue | 10 ft |
| C6F1106011 | Blue | 11 ft |
| C6F1106012 | Blue | 12 ft |
| C6F1106013 | Blue | 13 ft |
| C6F1106014 | Blue | 14 ft |
| C6F1106015 | Blue | 15 ft |
| C6F1106017 | Blue | 17 ft |
| C6F1106020 | Blue | 20 ft |
| C6F1106025 | Blue | 25 ft |
| C6F1106035 | Blue | 35 ft |
| C6F1106050 | Blue | 50 ft |
| C6F1106060 | Blue | 60 ft |

| | | |
|------------|-------|--------|
| C6F1106066 | Blue | 66 ft |
| C6F1106075 | Blue | 75 ft |
| C6F1106082 | Blue | 82 ft |
| C6F1106090 | Blue | 90 ft |
| C6F1108001 | Gray | 1 ft |
| C6F1108002 | Gray | 2 ft |
| C6F1108003 | Gray | 3 ft |
| C6F1108004 | Gray | 4 ft |
| C6F1108005 | Gray | 5 ft |
| C6F1108006 | Gray | 6 ft |
| C6F1108007 | Gray | 7 ft |
| C6F1108008 | Gray | 8 ft |
| C6F1108009 | Gray | 9 ft |
| C6F1108010 | Gray | 10 ft |
| C6F1108011 | Gray | 11 ft |
| C6F1108012 | Gray | 12 ft |
| C6F1108013 | Gray | 13 ft |
| C6F1108014 | Gray | 14 ft |
| C6F1108015 | Gray | 15 ft |
| C6F1108020 | Gray | 20 ft |
| C6F1108025 | Gray | 25 ft |
| C6F1108030 | Gray | 30 ft |
| C6F1108035 | Gray | 35 ft |
| C6F1108050 | Gray | 50 ft |
| C6F1108080 | Gray | 80 ft |
| C6F1108100 | Gray | 100 ft |
| C6F1108115 | Gray | 115 ft |
| C6F1108130 | Gray | 130 ft |
| C6F1105005 | Green | 5 ft |
| C6F1105009 | Green | 9 ft |
| C6F1105010 | Green | 10 ft |
| C6F1105015 | Green | 15 ft |
| C6F1105023 | Green | 23 ft |
| C6F1102002 | Red | 2 ft |
| C6F1102003 | Red | 3 ft |
| C6F1102004 | Red | 4 ft |
| C6F1102005 | Red | 5 ft |
| C6F1102006 | Red | 6 ft |
| C6F1102007 | Red | 7 ft |
| C6F1102008 | Red | 8 ft |
| C6F1102009 | Red | 9 ft |
| C6F1102010 | Red | 10 ft |
| C6F1102015 | Red | 15 ft |
| C6F1102020 | Red | 20 ft |
| C6F1102025 | Red | 25 ft |
| C6F1102030 | Red | 30 ft |
| C6F1102035 | Red | 35 ft |
| C6F1102050 | Red | 50 ft |
| C6F1102075 | Red | 75 ft |
| C6F1102080 | Red | 80 ft |
| C6F1102085 | Red | 85 ft |
| C6F1102090 | Red | 90 ft |
| C6F1102100 | Red | 100 ft |
| C6F1102200 | Red | 200 ft |
| C6F1109001 | White | 1 ft |
| C6F1109002 | White | 2 ft |
| C6F1109003 | White | 3 ft |
| C6F1109004 | White | 4 ft |
| C6F1109005 | White | 5 ft |
| C6F1109006 | White | 6 ft |
| C6F1109007 | White | 7 ft |

| | | |
|------------|-------|-------|
| C6F1109008 | White | 8 ft |
| C6F1109009 | White | 9 ft |
| C6F1109010 | White | 10 ft |
| C6F1109011 | White | 11 ft |
| C6F1109012 | White | 12 ft |
| C6F1109013 | White | 13 ft |
| C6F1109014 | White | 14 ft |
| C6F1109015 | White | 15 ft |
| C6F1109020 | White | 20 ft |
| C6F1109025 | White | 25 ft |
| C6F1109035 | White | 35 ft |
| C6F1109050 | White | 50 ft |

Product Notes

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

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| Update and Revision: | Revision Number: 0.154 Revision Date: 01-31-2020 |
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