



Product: [CAT6+ UTP CMP PATCH CORDS](#) 

CAT6+ UTP CMP Patch Cords

Product Description  
CAT6+ UTP CMP Patch Cords

Technical Specifications

Product Overview

|                        |                                                                          |
|------------------------|--------------------------------------------------------------------------|
| Suitable Applications: | IBDN System 4800, 3600 and 2400, TIA Category 6, ISO Class E, 1000BASE-T |
|------------------------|--------------------------------------------------------------------------|

Physical Characteristics (Overall)

|                           |                                               |
|---------------------------|-----------------------------------------------|
| Total Number of Pairs:    | 4                                             |
| Overall Nominal Diameter: | 0.238 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:    | -20°C To +75°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:          | Plenum                                                                  |
| 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:                  | Plenum     |
| EU Directive 2002/95/EC (RoHS):       | Yes        |
| EU RoHS Compliance Date (yyyy-mm-dd): | 2006-01-01 |
| MIL Order #39 (China RoHS):           | EUP 50     |

Flammability, LS0H, Toxicity Testing

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

Part Number

|                |                                                      |
|----------------|------------------------------------------------------|
| Related Parts: | CAT6+ Modular Jacks and Couplers, CAT6+ Patch Panels |
|----------------|------------------------------------------------------|

Variants

| Item #     | Color  | Length |
|------------|--------|--------|
| C602100001 | Black  | 1 ft   |
| C602100002 | Black  | 2 ft   |
| C602100003 | Black  | 3 ft   |
| C602100004 | Black  | 4 ft   |
| C602100006 | Black  | 6 ft   |
| C602100008 | Black  | 8 ft   |
| C602100010 | Black  | 10 ft  |
| C602100012 | Black  | 12 ft  |
| C602100025 | Black  | 25 ft  |
| C602106060 | Blue   | 60 ft  |
| C602106025 | Blue   | 25 ft  |
| C602106040 | Blue   | 40 ft  |
| C602106045 | Blue   | 45 ft  |
| C602106100 | Blue   | 100 ft |
| C602108002 | Gray   | 2 ft   |
| C602108003 | Gray   | 3 ft   |
| C602108006 | Gray   | 6 ft   |
| C602108008 | Gray   | 8 ft   |
| C602108010 | Gray   | 10 ft  |
| C602108025 | Gray   | 25 ft  |
| C602108070 | Gray   | 70 ft  |
| C602108100 | Gray   | 100 ft |
| C602105005 | Green  | 5 ft   |
| C602105014 | Green  | 14 ft  |
| C602105016 | Green  | 16 ft  |
| C602105018 | Green  | 18 ft  |
| C602105040 | Green  | 40 ft  |
| C602105050 | Green  | 50 ft  |
| C602105065 | Green  | 65 ft  |
| C602105075 | Green  | 75 ft  |
| C602105100 | Green  | 100 ft |
| C602105125 | Green  | 125 ft |
| C602105150 | Green  | 150 ft |
| C602105175 | Green  | 175 ft |
| C602105200 | Green  | 200 ft |
| C602103003 | Orange | 3 ft   |
| C602103006 | Orange | 6 ft   |
| C602103015 | Orange | 15 ft  |
| C602103025 | Orange | 25 ft  |
| C602107025 | Purple | 25 ft  |

|            |        |        |
|------------|--------|--------|
| C602102001 | Red    | 1 ft   |
| C602102002 | Red    | 2 ft   |
| C602102004 | Red    | 4 ft   |
| C602102006 | Red    | 6 ft   |
| C602102008 | Red    | 8 ft   |
| C602102010 | Red    | 10 ft  |
| C602102012 | Red    | 12 ft  |
| C602102025 | Red    | 25 ft  |
| C602109005 | White  | 5 ft   |
| C602109002 | White  | 2 ft   |
| C602109003 | White  | 3 ft   |
| C602109004 | White  | 4 ft   |
| C602109010 | White  | 10 ft  |
| C602109015 | White  | 15 ft  |
| C602109040 | White  | 40 ft  |
| C602109066 | White  | 66 ft  |
| C602109070 | White  | 70 ft  |
| C602109099 | White  | 99 ft  |
| C602109100 | White  | 100 ft |
| C602109110 | White  | 110 ft |
| C602109150 | White  | 150 ft |
| C602104007 | Yellow | 7 ft   |
| C602104010 | Yellow | 10 ft  |
| C602104025 | Yellow | 25 ft  |
| C602104065 | Yellow | 65 ft  |
| C602104075 | Yellow | 75 ft  |

Product Notes

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

History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.160 Revision Date: 01-31-2020 |
|----------------------|--------------------------------------------------|

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