



**Product:** [CAT6+ UTP CMR PIGTAILS](#) 

CAT6+ UTP CMR Pigtails

**Product Description**

CAT6+ UTP CMR Pigtails

**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                                      |
| 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 Temperature Range: | -10°C To +60°C |
| Storage Temperature Range:      | -40°C To +70°C |
| Operating Temperature 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:          | 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 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: | CAT6+ Modular Jacks and Couplers, CAT6+ Patch Panels, GigaBIX Connectors |
|----------------|--------------------------------------------------------------------------|

Variants

| Item #     | Color | Length |
|------------|-------|--------|
| C631206020 | Blue  | 20 ft  |
| C631206025 | Blue  | 25 ft  |
| C631206030 | Blue  | 30 ft  |
| C631206035 | Blue  | 35 ft  |
| C631206040 | Blue  | 40 ft  |
| C631206050 | Blue  | 50 ft  |
| C631206055 | Blue  | 55 ft  |
| C631206060 | Blue  | 60 ft  |
| C631206075 | Blue  | 75 ft  |
| C631206080 | Blue  | 80 ft  |
| C631206100 | Blue  | 100 ft |
| C631306015 | Blue  | 15 ft  |
| C631306020 | Blue  | 20 ft  |
| C631306025 | Blue  | 25 ft  |
| C631306035 | Blue  | 35 ft  |
| C631306045 | Blue  | 45 ft  |
| C631306050 | Blue  | 50 ft  |
| C631306060 | Blue  | 60 ft  |
| C631306070 | Blue  | 70 ft  |
| C631306075 | Blue  | 75 ft  |
| C631306080 | Blue  | 80 ft  |
| C631306082 | Blue  | 82 ft  |
| C631306085 | Blue  | 85 ft  |
| C631306100 | Blue  | 100 ft |
| C631306200 | Blue  | 200 ft |
| C631208007 | Gray  | 7 ft   |
| C631208010 | Gray  | 10 ft  |
| C631208015 | Gray  | 15 ft  |
| C631208020 | Gray  | 20 ft  |
| C631208025 | Gray  | 25 ft  |
| C631208030 | Gray  | 30 ft  |
| C631208035 | Gray  | 35 ft  |
| C631208040 | Gray  | 40 ft  |
| C631208045 | Gray  | 45 ft  |
| C631208050 | Gray  | 50 ft  |
| C631208060 | Gray  | 60 ft  |
| C631208065 | Gray  | 65 ft  |
| C631208070 | Gray  | 70 ft  |
| C631208075 | Gray  | 75 ft  |
| C631208080 | Gray  | 80 ft  |
| C631208085 | Gray  | 85 ft  |
| C631208100 | Gray  | 100 ft |
| C631208110 | Gray  | 110 ft |

|            |        |        |
|------------|--------|--------|
| C631208120 | Gray   | 120 ft |
| C631208156 | Gray   | 156 ft |
| C631208160 | Gray   | 160 ft |
| C631308007 | Gray   | 7 ft   |
| C631308010 | Gray   | 10 ft  |
| C631308015 | Gray   | 15 ft  |
| C631308020 | Gray   | 20 ft  |
| C631308025 | Gray   | 25 ft  |
| C631308030 | Gray   | 30 ft  |
| C631308035 | Gray   | 35 ft  |
| C631308050 | Gray   | 50 ft  |
| C631308060 | Gray   | 60 ft  |
| C631308075 | Gray   | 75 ft  |
| C631308100 | Gray   | 100 ft |
| C631308156 | Gray   | 156 ft |
| C631308160 | Gray   | 160 ft |
| C631205020 | Green  | 20 ft  |
| C631205025 | Green  | 25 ft  |
| C631205035 | Green  | 35 ft  |
| C631209050 | None   | 50 ft  |
| C631309050 | None   | 50 ft  |
| C631303030 | Orange | 30 ft  |
| C631202025 | Red    | 25 ft  |
| C631202050 | Red    | 50 ft  |
| C631202075 | Red    | 75 ft  |
| C631302025 | Red    | 25 ft  |
| C631209010 | White  | 10 ft  |
| C631209015 | White  | 15 ft  |
| C631209020 | White  | 20 ft  |
| C631209025 | White  | 25 ft  |
| C631209035 | White  | 35 ft  |
| C631209060 | White  | 60 ft  |
| C631209075 | White  | 75 ft  |
| C631209090 | White  | 90 ft  |
| C631209100 | White  | 100 ft |
| C631209156 | White  | 156 ft |
| C631309004 | White  | 4 ft   |
| C631309007 | White  | 7 ft   |
| C631309015 | White  | 15 ft  |
| C631309020 | White  | 20 ft  |
| C631309025 | White  | 25 ft  |
| C631309035 | White  | 35 ft  |
| C631309075 | White  | 75 ft  |
| C631309100 | White  | 100 ft |
| C631204015 | Yellow | 15 ft  |
| C631204007 | Yellow | 7 ft   |
| C631204010 | Yellow | 10 ft  |
| C631204020 | Yellow | 20 ft  |
| C631204025 | Yellow | 25 ft  |
| C631204035 | Yellow | 35 ft  |
| C631204050 | Yellow | 50 ft  |
| C631204075 | Yellow | 75 ft  |
| C631304020 | Yellow | 20 ft  |
| C631304025 | Yellow | 25 ft  |
| C631304030 | Yellow | 30 ft  |
| C631304050 | Yellow | 50 ft  |

Product Notes

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

History

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