



Part Number: CAT5E UTP CMR PIGTAILS
CAT5E UTP CMR Pigtails

Product Description

CAT5E UTP CMR Pigtails

Technical Specifications

Product Overview

| | |
|------------------------|---|
| Environmental Space: | Riser |
| Suitable Applications: | IBDN System 1200, TIA Category 5E, ISO Class D, 1000BASE-T, 100BASE-T |

Physical Characteristics (Overall)

| | |
|---------------------------|---|
| Total Number of Pairs: | 4 |
| Conductor Size: | 24 AWG |
| Overall Nominal Diameter: | 0.21 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 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): | 1.040 in |
| Plug /Jack Compatibility: | RJ45 |

Termination Interface

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

Standards

| | |
|-------------------------------|--|
| UL Rating: | Riser |
| Data Category: | Category 5e |
| Telecommunications Standards: | 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

| | |
|---------------------------------------|------------|
| 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

| | |
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| Related Parts: | CAT5E Modular Jacks and Couplers, CAT5E Patch Panels, GigaBIX Connectors |
|----------------|--|

Variants

| Item # | Color | Length |
|------------|-------|--------|
| C531200025 | Black | 25 ft |
| C531306100 | Blue | 100 ft |
| C531306075 | Blue | 75 ft |
| C531306050 | Blue | 50 ft |
| C531306035 | Blue | 35 ft |
| C531306025 | Blue | 25 ft |
| C531306020 | Blue | 20 ft |
| C531306015 | Blue | 15 ft |
| C531206100 | Blue | 100 ft |
| C531206075 | Blue | 75 ft |
| C531206050 | Blue | 50 ft |
| C531206035 | Blue | 35 ft |
| C531206025 | Blue | 25 ft |
| C531206020 | Blue | 20 ft |
| C531206015 | Blue | 15 ft |
| C531308100 | Gray | 100 ft |
| C531308075 | Gray | 75 ft |
| C531308055 | Gray | 55 ft |
| C531308050 | Gray | 50 ft |
| C531308035 | Gray | 35 ft |
| C531308030 | Gray | 30 ft |
| C531308025 | Gray | 25 ft |
| C531308020 | Gray | 20 ft |
| C531308015 | Gray | 15 ft |
| C531208140 | Gray | 140 ft |
| C531208110 | Gray | 110 ft |
| C531208100 | Gray | 100 ft |
| C531208090 | Gray | 90 ft |
| C531208085 | Gray | 85 ft |
| C531208045 | Gray | 45 ft |
| C531208006 | Gray | 6 ft |
| C531208002 | Gray | 2 ft |
| C531208080 | Gray | 80 ft |
| C531208075 | Gray | 75 ft |
| C531208060 | Gray | 60 ft |
| C531208055 | Gray | 55 ft |
| C531208050 | Gray | 50 ft |
| C531208035 | Gray | 35 ft |
| C531208020 | Gray | 20 ft |
| C531208010 | Gray | 10 ft |
| C531208007 | Gray | 7 ft |

| | | |
|------------|--------|--------|
| C531205050 | Green | 50 ft |
| C531205025 | Green | 25 ft |
| C531302025 | Red | 25 ft |
| C531202025 | Red | 25 ft |
| C531202050 | Red | 50 ft |
| C531309100 | White | 100 ft |
| C531309075 | White | 75 ft |
| C531309050 | White | 50 ft |
| C531309035 | White | 35 ft |
| C531309025 | White | 25 ft |
| C531309020 | White | 20 ft |
| C531309015 | White | 15 ft |
| C531209100 | White | 100 ft |
| C531209075 | White | 75 ft |
| C531209050 | White | 50 ft |
| C531209035 | White | 35 ft |
| C531209025 | White | 25 ft |
| C531209020 | White | 20 ft |
| C531209015 | White | 15 ft |
| C531204050 | Yellow | 50 ft |
| C531204035 | Yellow | 35 ft |
| C531204025 | Yellow | 25 ft |

Product Notes

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