



Part Number: CAT5E UTP CMR BONDED PIGTAILS

CAT5E UTP CMR Bonded Pigtails

Product Description

CAT5E UTP CMR Bonded 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 |
| Shielding: | UTP - Unshielded |

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: | ACA, c(UL)us Listed |
|-----------------|---------------------|

Part Number

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

Variants

| Item # | Color | Length |
|------------|-------|--------|
| C501300100 | Black | 100 ft |
| C501300075 | Black | 75 ft |
| C501300050 | Black | 50 ft |
| C501300035 | Black | 35 ft |
| C501300025 | Black | 25 ft |
| C501300020 | Black | 20 ft |
| C501300015 | Black | 15 ft |
| C501200100 | Black | 100 ft |
| C501200075 | Black | 75 ft |
| C501200050 | Black | 50 ft |
| C501200035 | Black | 35 ft |
| C501200025 | Black | 25 ft |
| C501200020 | Black | 20 ft |
| C501200015 | Black | 15 ft |
| C501306100 | Blue | 100 ft |
| C501306075 | Blue | 75 ft |
| C501306050 | Blue | 50 ft |
| C501306035 | Blue | 35 ft |
| C501306030 | Blue | 30 ft |
| C501306025 | Blue | 25 ft |
| C501306020 | Blue | 20 ft |
| C501306015 | Blue | 15 ft |
| C501206100 | Blue | 100 ft |
| C501206075 | Blue | 75 ft |
| C501206050 | Blue | 50 ft |
| C501206035 | Blue | 35 ft |
| C501206025 | Blue | 25 ft |
| C501206020 | Blue | 20 ft |
| C501206015 | Blue | 15 ft |
| C501308100 | Gray | 100 ft |
| C501308075 | Gray | 75 ft |
| C501308060 | Gray | 60 ft |
| C501308055 | Gray | 55 ft |
| C501308050 | Gray | 50 ft |
| C501308035 | Gray | 35 ft |
| C501308030 | Gray | 30 ft |
| C501308025 | Gray | 25 ft |
| C501308020 | Gray | 20 ft |
| C501308015 | Gray | 15 ft |
| C501208100 | Gray | 100 ft |
| C501208085 | Gray | 85 ft |
| C501208080 | Gray | 80 ft |
| C501208075 | Gray | 75 ft |

| | | |
|------------|--------|--------|
| C501208060 | Gray | 60 ft |
| C501208055 | Gray | 55 ft |
| C501208050 | Gray | 50 ft |
| C501208035 | Gray | 35 ft |
| C501208025 | Gray | 25 ft |
| C501208020 | Gray | 20 ft |
| C501208015 | Gray | 15 ft |
| C501208010 | Gray | 10 ft |
| C501305100 | Green | 100 ft |
| C501305075 | Green | 75 ft |
| C501305050 | Green | 50 ft |
| C501305035 | Green | 35 ft |
| C501305030 | Green | 30 ft |
| C501305025 | Green | 25 ft |
| C501305020 | Green | 20 ft |
| C501305015 | Green | 15 ft |
| C501205100 | Green | 100 ft |
| C501205075 | Green | 75 ft |
| C501205050 | Green | 50 ft |
| C501205035 | Green | 35 ft |
| C501205025 | Green | 25 ft |
| C501205020 | Green | 20 ft |
| C501205015 | Green | 15 ft |
| C501203090 | Orange | 90 ft |
| C501202090 | Red | 90 ft |
| C501309100 | White | 100 ft |
| C501309075 | White | 75 ft |
| C501309050 | White | 50 ft |
| C501309035 | White | 35 ft |
| C501309025 | White | 25 ft |
| C501309020 | White | 20 ft |
| C501309015 | White | 15 ft |
| C501309010 | White | 10 ft |
| C501209100 | White | 100 ft |
| C501209075 | White | 75 ft |
| C501209050 | White | 50 ft |
| C501209035 | White | 35 ft |
| C501209025 | White | 25 ft |
| C501209020 | White | 20 ft |
| C501209015 | White | 15 ft |
| C501304100 | Yellow | 100 ft |
| C501304075 | Yellow | 75 ft |
| C501304050 | Yellow | 50 ft |
| C501304035 | Yellow | 35 ft |
| C501304025 | Yellow | 25 ft |
| C501304020 | Yellow | 20 ft |
| C501304015 | Yellow | 15 ft |
| C501204100 | Yellow | 100 ft |
| C501204075 | Yellow | 75 ft |
| C501204050 | Yellow | 50 ft |
| C501204035 | Yellow | 35 ft |
| C501204025 | Yellow | 25 ft |
| C501204020 | Yellow | 20 ft |
| C501204015 | Yellow | 15 ft |

Notes

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