



Product: [CAT6+ UTP CMR PRE-TERM 6](#)

CAT6+ UTP CMR Pre-Term 6

Product Description

CAT6+ UTP CMR Pre-Term 6

Technical Specifications

Product Overview

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

Physical Characteristics (Overall)

|                           |                                 |
|---------------------------|---------------------------------|
| Total Number of Pairs:    | 4                               |
| Overall Nominal Diameter: | 0.75 in                         |
| Wiring Scheme:            | T568A/B-T568A/B                 |
| Packaging:                | Individually packaged in a box. |

Connectors

Materials

| Description      | Material                                                      | Color       |
|------------------|---------------------------------------------------------------|-------------|
| Boot             | Elastomer                                                     | Translucent |
| Braided Sleeve   | Engineered Polymer Riser Rated                                |             |
| Conductor        | BC - Bare Copper                                              |             |
| Front Connection | Blades Phosphor Bronze with 50u inch Gold over Nickel Plating |             |
| 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:    | -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 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 |
|----------------|------------------------------------------------------|

Variants

| Item #        | Color | Length |
|---------------|-------|--------|
| C601100006A06 | Black | 6 ft   |
| C601100007A06 | Black | 7 ft   |
| C601100008A06 | Black | 8 ft   |
| C601100009A06 | Black | 9 ft   |
| C601100010A06 | Black | 10 ft  |
| C601100011A06 | Black | 11 ft  |
| C601100012A06 | Black | 12 ft  |
| C601100013A06 | Black | 13 ft  |
| C601100014A06 | Black | 14 ft  |
| C601100015A06 | Black | 15 ft  |
| C601100016A06 | Black | 16 ft  |
| C601100017A06 | Black | 17 ft  |
| C601100018A06 | Black | 18 ft  |
| C601100019A06 | Black | 19 ft  |
| C601100020A06 | Black | 20 ft  |
| C601100021A06 | Black | 21 ft  |
| C601100023A06 | Black | 23 ft  |
| C601100024A06 | Black | 24 ft  |
| C601100025A06 | Black | 25 ft  |
| C601100026A06 | Black | 26 ft  |
| C601100027A06 | Black | 27 ft  |
| C601100028A06 | Black | 28 ft  |
| C601100029A06 | Black | 29 ft  |
| C601100030A06 | Black | 30 ft  |
| C601100031A06 | Black | 31 ft  |
| C601100032A06 | Black | 32 ft  |
| C601100034A06 | Black | 34 ft  |
| C601100035A06 | Black | 35 ft  |
| C601100036A06 | Black | 36 ft  |
| C601100037A06 | Black | 37 ft  |
| C601100038A06 | Black | 38 ft  |
| C601100039A06 | Black | 39 ft  |
| C601100040A06 | Black | 40 ft  |
| C601100041A06 | Black | 41 ft  |
| C601100042A06 | Black | 42 ft  |
| C601100043A06 | Black | 43 ft  |
| C601100044A06 | Black | 44 ft  |
| C601100045A06 | Black | 45 ft  |
| C601100048A06 | Black | 48 ft  |
| C601100049A06 | Black | 49 ft  |
| C601100050A06 | Black | 50 ft  |

|               |       |        |
|---------------|-------|--------|
| C601100051A06 | Black | 51 ft  |
| C601100053A06 | Black | 53 ft  |
| C601100055A06 | Black | 55 ft  |
| C601100059A06 | Black | 59 ft  |
| C601100060A06 | Black | 60 ft  |
| C601100061A06 | Black | 61 ft  |
| C601100065A06 | Black | 65 ft  |
| C601100067A06 | Black | 67 ft  |
| C601100070A06 | Black | 70 ft  |
| C601100073A06 | Black | 73 ft  |
| C601100075A06 | Black | 75 ft  |
| C601100080A06 | Black | 80 ft  |
| C601100083A06 | Black | 83 ft  |
| C601100085A06 | Black | 85 ft  |
| C601100090A06 | Black | 90 ft  |
| C601100095A06 | Black | 95 ft  |
| C601100100A06 | Black | 100 ft |
| C601100105A06 | Black | 105 ft |
| C601100110A06 | Black | 110 ft |
| C601100115A06 | Black | 115 ft |
| C601100120A06 | Black | 120 ft |
| C601100122A06 | Black | 122 ft |
| C601100125A06 | Black | 125 ft |
| C601100130A06 | Black | 130 ft |
| C601100135A06 | Black | 135 ft |
| C601100140A06 | Black | 140 ft |
| C601100145A06 | Black | 145 ft |
| C601100150A06 | Black | 150 ft |
| C601100152A06 | Black | 152 ft |
| C601100155A06 | Black | 155 ft |
| C601100160A06 | Black | 160 ft |
| C601100165A06 | Black | 165 ft |
| C601100170A06 | Black | 170 ft |
| C601100175A06 | Black | 175 ft |
| C601100177A06 | Black | 177 ft |
| C601100180A06 | Black | 180 ft |
| C601100185A06 | Black | 185 ft |
| C601100190A06 | Black | 190 ft |
| C601100195A06 | Black | 195 ft |
| C601100197A06 | Black | 197 ft |
| C601100200A06 | Black | 200 ft |
| C601100205A06 | Black | 205 ft |
| C601100210A06 | Black | 210 ft |
| C601100215A06 | Black | 215 ft |
| C601100220A06 | Black | 220 ft |
| C601100225A06 | Black | 225 ft |
| C601100230A06 | Black | 230 ft |
| C601100235A06 | Black | 235 ft |
| C601100240A06 | Black | 240 ft |
| C601100245A06 | Black | 245 ft |
| C601100250A06 | Black | 250 ft |
| C601100255A06 | Black | 255 ft |
| C601100260A06 | Black | 260 ft |
| C601100265A06 | Black | 265 ft |
| C601100270A06 | Black | 270 ft |
| C601100275A06 | Black | 275 ft |
| C601100280A06 | Black | 280 ft |
| C601100285A06 | Black | 285 ft |
| C601100290A06 | Black | 290 ft |
| C601106006A06 | Blue  | 6 ft   |
| C601106007A06 | Blue  | 7 ft   |

|               |      |        |
|---------------|------|--------|
| C601106008A06 | Blue | 8 ft   |
| C601106009A06 | Blue | 9 ft   |
| C601106010A06 | Blue | 10 ft  |
| C601106011A06 | Blue | 11 ft  |
| C601106012A06 | Blue | 12 ft  |
| C601106013A06 | Blue | 13 ft  |
| C601106014A06 | Blue | 14 ft  |
| C601106015A06 | Blue | 15 ft  |
| C601106016A06 | Blue | 16 ft  |
| C601106017A06 | Blue | 17 ft  |
| C601106018A06 | Blue | 18 ft  |
| C601106019A06 | Blue | 19 ft  |
| C601106020A06 | Blue | 20 ft  |
| C601106021A06 | Blue | 21 ft  |
| C601106022A06 | Blue | 22 ft  |
| C601106023A06 | Blue | 23 ft  |
| C601106024A06 | Blue | 24 ft  |
| C601106025A06 | Blue | 25 ft  |
| C601106026A06 | Blue | 26 ft  |
| C601106027A06 | Blue | 27 ft  |
| C601106028A06 | Blue | 28 ft  |
| C601106029A06 | Blue | 29 ft  |
| C601106030A06 | Blue | 30 ft  |
| C601106031A06 | Blue | 31 ft  |
| C601106032A06 | Blue | 32 ft  |
| C601106033A06 | Blue | 33 ft  |
| C601106034A06 | Blue | 34 ft  |
| C601106035A06 | Blue | 35 ft  |
| C601106036A06 | Blue | 36 ft  |
| C601106037A06 | Blue | 37 ft  |
| C601106038A06 | Blue | 38 ft  |
| C601106039A06 | Blue | 39 ft  |
| C601106040A06 | Blue | 40 ft  |
| C601106041A06 | Blue | 41 ft  |
| C601106042A06 | Blue | 42 ft  |
| C601106043A06 | Blue | 43 ft  |
| C601106044A06 | Blue | 44 ft  |
| C601106045A06 | Blue | 45 ft  |
| C601106046A06 | Blue | 46 ft  |
| C601106047A06 | Blue | 47 ft  |
| C601106048A06 | Blue | 48 ft  |
| C601106049A06 | Blue | 49 ft  |
| C601106050A06 | Blue | 50 ft  |
| C601106052A06 | Blue | 52 ft  |
| C601106054A06 | Blue | 54 ft  |
| C601106055A06 | Blue | 55 ft  |
| C601106060A06 | Blue | 60 ft  |
| C601106062A06 | Blue | 62 ft  |
| C601106065A06 | Blue | 65 ft  |
| C601106070A06 | Blue | 70 ft  |
| C601106075A06 | Blue | 75 ft  |
| C601106080A06 | Blue | 80 ft  |
| C601106085A06 | Blue | 85 ft  |
| C601106095A06 | Blue | 95 ft  |
| C601106100A06 | Blue | 100 ft |
| C601106105A06 | Blue | 105 ft |
| C601106110A06 | Blue | 110 ft |
| C601106115A06 | Blue | 115 ft |
| C601106120A06 | Blue | 120 ft |
| C601106125A06 | Blue | 125 ft |
| C601106130A06 | Blue | 130 ft |

|               |       |        |
|---------------|-------|--------|
| C601106135A06 | Blue  | 135 ft |
| C601106140A06 | Blue  | 140 ft |
| C601106145A06 | Blue  | 145 ft |
| C601106150A06 | Blue  | 150 ft |
| C601106155A06 | Blue  | 155 ft |
| C601106160A06 | Blue  | 160 ft |
| C601106165A06 | Blue  | 165 ft |
| C601106170A06 | Blue  | 170 ft |
| C601106175A06 | Blue  | 175 ft |
| C601106180A06 | Blue  | 180 ft |
| C601106185A06 | Blue  | 185 ft |
| C601106190A06 | Blue  | 190 ft |
| C601106195A06 | Blue  | 195 ft |
| C601106200A06 | Blue  | 200 ft |
| C601106205A06 | Blue  | 205 ft |
| C601106210A06 | Blue  | 210 ft |
| C601106215A06 | Blue  | 215 ft |
| C601106225A06 | Blue  | 225 ft |
| C601106230A06 | Blue  | 230 ft |
| C601106235A06 | Blue  | 235 ft |
| C601106240A06 | Blue  | 240 ft |
| C601106245A06 | Blue  | 245 ft |
| C601106250A06 | Blue  | 250 ft |
| C601106255A06 | Blue  | 255 ft |
| C601106260A06 | Blue  | 260 ft |
| C601106265A06 | Blue  | 265 ft |
| C601106270A06 | Blue  | 270 ft |
| C601106275A06 | Blue  | 275 ft |
| C601106280A06 | Blue  | 280 ft |
| C601106285A06 | Blue  | 285 ft |
| C601106290A06 | Blue  | 290 ft |
| C601106295A06 | Blue  | 295 ft |
| C601109006A06 | White | 6 ft   |
| C601109007A06 | White | 7 ft   |
| C601109008A06 | White | 8 ft   |
| C601109009A06 | White | 9 ft   |
| C601109010A06 | White | 10 ft  |
| C601109011A06 | White | 11 ft  |
| C601109012A06 | White | 12 ft  |
| C601109013A06 | White | 13 ft  |
| C601109014A06 | White | 14 ft  |
| C601109015A06 | White | 15 ft  |
| C601109016A06 | White | 16 ft  |
| C601109017A06 | White | 17 ft  |
| C601109018A06 | White | 18 ft  |
| C601109019A06 | White | 19 ft  |
| C601109020A06 | White | 20 ft  |
| C601109021A06 | White | 21 ft  |
| C601109022A06 | White | 22 ft  |
| C601109023A06 | White | 23 ft  |
| C601109024A06 | White | 24 ft  |
| C601109025A06 | White | 25 ft  |

## Product Notes

|           |                                                                                                                                                                                |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Labeling: | Labeled at both ends: Part Number, Serial Number, Termination Scheme, Length, Individual cable identification. Customized Labeling for cable assemblies optional upon request. |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.306 Revision Date: 05-10-2023 |
|----------------------|--------------------------------------------------|

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