

# PanZone® Category 6 UTP Assemblies

## specifications

Zone cabling assemblies shall be constructed of Category 6, 23 AWG, solid, UTP, twisted pair cable and available in plug-to-plug or jack-to-plug termination configurations. All cable assemblies shall be available in plenum, riser or LSZH (Low Smoke Zero Halogen) flammability ratings and shall be wired according to T568B guidelines. A variety of length shall be available for design flexibility.



## technical information

|                                                                               |                                                                                                                |
|-------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| <b>Category 6/Class E<sub>A</sub> channel and permanent link performance:</b> | Exceeds all ANSI/TIA-568-C.2 Category 6 and ISO 11801 Class E channel and permanent link standards requirement |
| <b>FCC and ANSI compliance:</b>                                               | Meets ANSI/TIA-1096-A requirements; contacts plated with 50 micro inches of gold for superior performance      |
| <b>IEC compliance:</b>                                                        | Meets IEC 60603-7                                                                                              |
| <b>PoE compliance:</b>                                                        | Meets IEEE 802.3af and IEEE 802.3at for PoE applications                                                       |
| <b>C(UL)US listed:</b>                                                        | UL 1863, CSA Standard C22.2                                                                                    |
| <b>RoHS compliance:</b>                                                       | Compliant                                                                                                      |
| <b>Operating temperature:</b>                                                 | 14°F to 140°F (-10°C to 60°C)                                                                                  |
| <b>Installation temperature:</b>                                              | -40°F to 158°F (-40°C to 70°C)                                                                                 |
| <b>Cable diameter:</b>                                                        | 0.240 in. (6.1 mm) nominal                                                                                     |
| <b>Flammability rating:</b>                                                   | Plenum, Riser or LSZH                                                                                          |

## key features and benefits

|                                                    |                                                                                                                      |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| <b>100% performance tested</b>                     | Confidence that each cable assembly delivers Category 6 permanent link performance                                   |
| <b>Robust construction</b>                         | Rated to 2500 mating cycles                                                                                          |
| <b>Identification</b>                              | Provides identification of performance level, length, and quality control number for future traceability             |
| <b>Patented tangle-free latch on modular plugs</b> | Prevents snags and provides easy release, saving time and providing reliability on frequent moves, adds, and changes |
| <b>Variety of lengths</b>                          | Meets individual length requirements for greater system flexibility                                                  |
| <b>Color bands (optional)</b>                      | Snap onto cable, allowing additional color-coding options                                                            |
| <b>RJ45 plug lock-in device (optional)</b>         | Secures plug into jack to prevent unauthorized removal of patch cord                                                 |

## applications

Zone cabling products are designed to provide an efficient and cost effective way to design and deploy cabling systems in data centers and open office architecture environments. Each zone cabling product serves as a main distribution point for a particular zone, increasing network flexibility, manageability, accessibility and efficiency. Utilizing a distributed network and a zone cabling topology for physical infrastructure

can reduce telecommunication congestion. Zone cabling products accommodate multimedia solutions and can be used in floor, ceiling and all mount applications, which provide a complete end-to-end network solution. Zone cabling topology provides a scalable physical network infrastructure that meets the needs of today as well as the flexibility to deploy technology of tomorrow.

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SPECIFICATION SHEET

### PanZone® Category 6 UTP Cable Assemblies

#### Jack-to-Plug

|                |               |
|----------------|---------------|
| <b>Plenum:</b> | UJPBU25BLY*   |
| <b>Riser:</b>  | UJRBU25BLY*   |
| <b>LSZH:</b>   | UJLBU10MBLY** |

#### Plug-to-Plug

|                |             |
|----------------|-------------|
| <b>Plenum:</b> | UPPBU25Y*   |
| <b>Riser:</b>  | UPRBU25Y*   |
| <b>LSZH:</b>   | UPLBU10MY** |

#### Category 6 UTP Copper Cable\*\*\*

|                        |         |
|------------------------|---------|
| <b>CM:</b>             | PUC6004 |
| <b>Plenum:</b>         | PUP6004 |
| <b>Riser:</b>          | PUR6004 |
| <b>LSZH (60332-1):</b> | PUL6004 |
| <b>LSZH (60332-3):</b> | PUZ6004 |

#### TX6™ PLUS UTP Patch Cords\*\*\*\*

|                         |             |
|-------------------------|-------------|
| <b>CM</b>               |             |
| <b>(foot lengths):</b>  | UTPSP15BUY  |
| <b>CM</b>               |             |
| <b>(meter lengths):</b> | UTPSP15MBUY |

#### TX6™ PLUS Small Diameter UTP Patch Cords\*\*\*\*

|                         |              |
|-------------------------|--------------|
| <b>CM/LSZH</b>          |              |
| <b>(foot lengths):</b>  | UTP28SP15BU  |
| <b>CM/LSZH</b>          |              |
| <b>(meter lengths):</b> | UTP28SP15MBU |

#### TX6™ PLUS UTP Jack Modules\*\*\*\*

|                               |            |
|-------------------------------|------------|
| <b>Jack module:</b>           | CJ688TGIW  |
| <b>Shuttered jack module:</b> | CJD688TGIW |

#### Accessories

|                                           |              |
|-------------------------------------------|--------------|
| <b>Patch cord</b>                         |              |
| <b>color bands:</b>                       | PCBAND^~Q    |
| <b>Standard RJ45 plug lock-in device:</b> | PSL-DCPLX^^  |
| <b>Recessed RJ45 plug lock-in device:</b> | PSL-DCPLRX^^ |

\*For lengths 10 to 100 feet (five foot increments) and 110, 120, 130, 140 or 150 feet, change the length designation in the part number to the desired length. For example, the part number for a 100 foot, jack-to-plug, Category 6, plenum cable assembly is UJPBU100BL.

\*\*Available in lengths from 3 meters to 80 meters.

\*\*\*Cable color suffix BU = Blue, WH = White. Other colors also available. Contact customer service for more information.

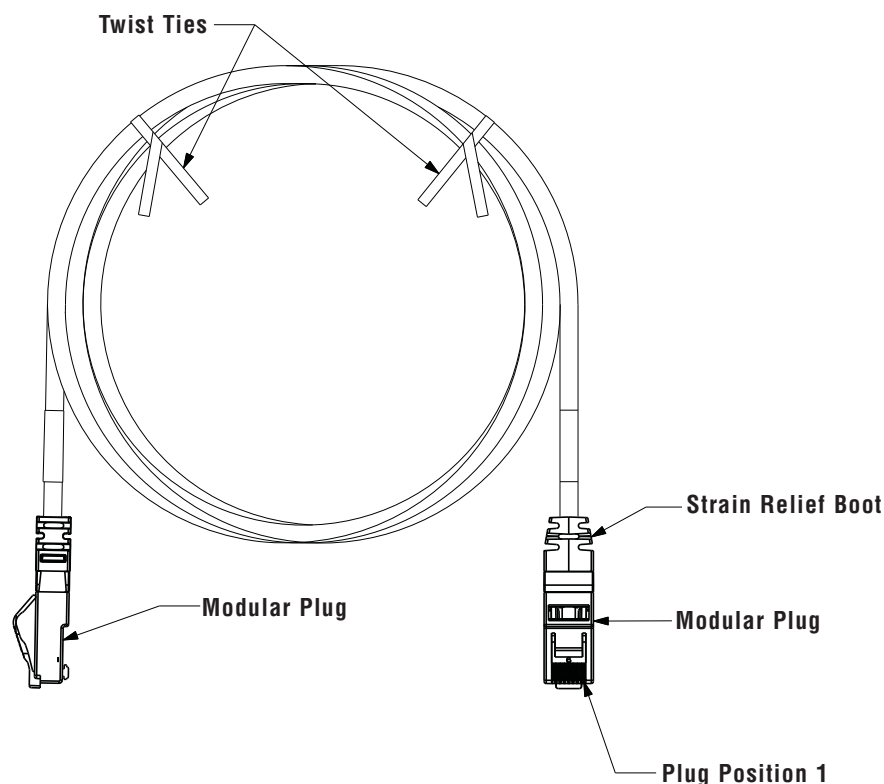
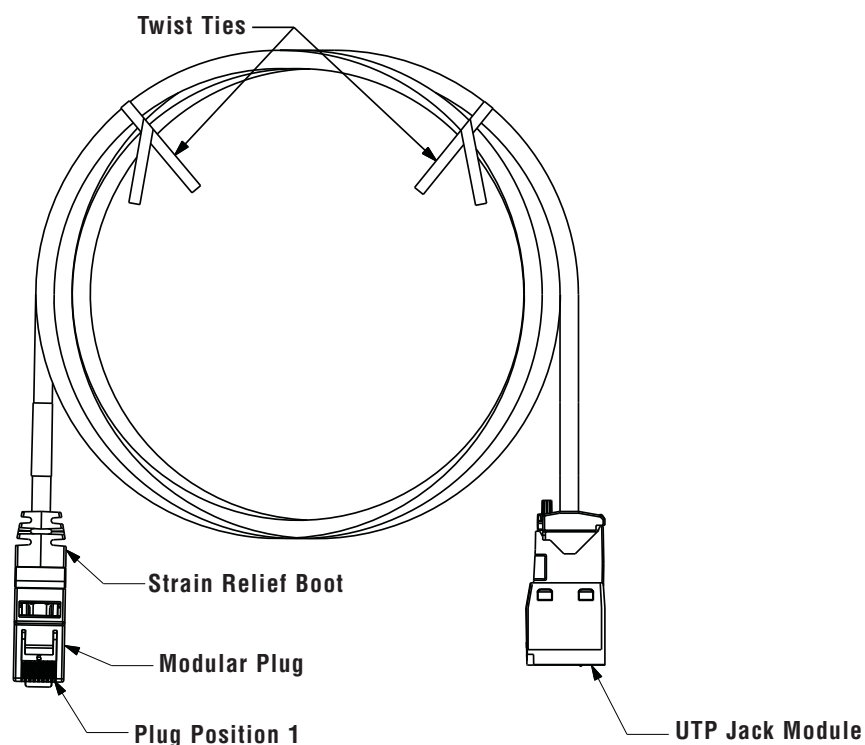
\*\*\*\*Jack modules and patch cords available in a variety of standard colors and/or lengths. Visit [www.panduit.com](http://www.panduit.com), or contact customer service for more information.

^To designate color, add suffix WH (White), EI (Electric Ivory), IG (Int'l Gray), BL (Black), BU (Blue), RD (Red), YL (Yellow), GR (Green), OR (Orange), or VL (Violet) before -Q in part number. 25/package.

^^For colors other than Red, add -BL (Black), -BU (Blue), -GR (Green), -YL (Yellow), -OR (Orange), -IW (International White), or -IG (International Gray) to the end of the part number. 10/package. Add -C for bulk packages of 100.

Contact customer service for keyed connectivity, bulk packaged jack modules and patch cords.

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