

# 45° Angled Wire Caps for TX6A™, TX6™ PLUS and TX5e™ Mini-Com® UTP and Shielded Jack Modules

## specifications

45° angled wire caps, when mated with compatible UTP or shielded jack modules, shall provide improved cable routing to jacks in confined spaces. Angled wire caps shall terminate 4-pair, 22 - 26 AWG, 100 ohm twisted pair cable and shall use a forward motion termination method to optimize performance by maintaining cable pair geometry while eliminating conductor untwist. The wire caps shall be color-coded to designate performance category and shall include a universal label coded for T568B wiring schemes.



## technical information

|                                                       |                                                                                                                                                                                                                                       |
|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Channel and component performance<sup>^</sup>:</b> | Exceeds channel and component requirements of ANSI/TIA-568.2-D and ISO 11801 standards for the respective Category or Class performance levels at the designated swept frequencies for that Category or Class                         |
| <b>IEC compliance:</b>                                | Meets IEC 60603-7 and IEC 60512-99-002                                                                                                                                                                                                |
| <b>RoHS compliance:</b>                               | Compliant                                                                                                                                                                                                                             |
| <b>PoE &amp; PoH compliance</b>                       | Meets IEEE 802.3af / 802.3at and 802.3bt type 3 and type 4. Supports Power over HDBaseT up to 100 watts.                                                                                                                              |
| <b>c(UL)US listed:</b>                                | UL 1863 (Use as communications circuit accessory); CSA standard C22.2 UL 2043 (Suitable for use in air-handling spaces)                                                                                                               |
| <b>Cable and conductor termination range:</b>         | Compatible with 22 – 26 AWG solid or stranded cable with conductor insulation diameters of 0.060 in. max. and overall cable O.D. 0.200 in. to 0.330 in                                                                                |
| <b>Depth reduction provided:</b>                      | Allows up to 55% reduction in cable routing depth compared to straight exit wire cap with both allowing proper cable bend radius for 0.275 inch (6.99 mm) diameter cable (0.500" with angled caps vs. 1.100" with straight exit caps) |
| <b>Operating temperature:</b>                         | -10°C to 75°C (14°F to 167°F)                                                                                                                                                                                                         |

<sup>^</sup>When mated to compatible UTP and shielded jack modules.

## key features and benefits

|                                          |                                                                                                                                                                                                                     |
|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Angled cable exit:</b>                | Large diameter cable can be routed to jacks in tight spaces while maintaining proper bend radius; also can be used on multiple jacks positioned next to each other                                                  |
| <b>Reversible direction design:</b>      | Both wire cap versions can be inserted into compatible jacks in either direction, bringing the convenience of needing only two parts to handle up, down, left, or right cable routing needs                         |
| <b>Wide compatibility:</b>               | Immediate compatibility with the most common Mini-Com UTP and shielded jacks                                                                                                                                        |
| <b>Economical:</b>                       | Angled wire caps can easily be applied to new or already installed compatible jacks to gain routing advantages without needing to purchase new jacks                                                                |
| <b>Uses enhanced Giga-TX Technology:</b> | Optimizes performance by eliminating conductor untwist and reduces installation time and expense                                                                                                                    |
| <b>Consistent termination design:</b>    | Similarity in both conductor management and termination method to the most common straight exit Mini-Com UTP and shielded jacks; ensures minimal learning curve and fast field terminations                         |
| <b>Termination tool available:</b>       | TGSJT termination tool functions for both wire cap versions and ensures conductors are fully terminated by utilizing a smooth forward motion without impact on critical internal components for maximum reliability |

## applications

45° Angled Wire Caps can be used with compatible TX6A, TX6 PLUS and TX5e Mini-Com UTP and shielded Jack Modules where ever an angled cable exit from the modular jack is desired and in confined jack mounting spaces such as in modular furniture, raceway, and wall outlets with conduit. 45° Angled Wire Caps are especially beneficial for use with Category 6A cabling which is increasingly being deployed in office and furniture applications, since their angled routing better accommodates the larger diameter and bigger bend radius of Category 6A cable.

45° Angled Wire Caps are also useful in high density rack cabling where they reduce horizontal cabling bulk by as much as 50% and more directly feed cables into pathways for easier cable management.

### 45° Angled Wire Caps for Mini-Com UTP Jack Modules

#### Up/Down 45° Angle Caps

|              |                    |
|--------------|--------------------|
| <b>TX6A:</b> | <b>CJUDCAPBU-%</b> |
| <b>TX6:</b>  | <b>CJUDCAPIW-%</b> |
| <b>TX5e:</b> | <b>CJUDCAPRD-%</b> |

#### Left/Right 45° Angle Caps

|                  |                    |
|------------------|--------------------|
| <b>TX6A:</b>     | <b>CJLRCAPBU-%</b> |
| <b>TX6 PLUS:</b> | <b>CJLRCAPIW-%</b> |
| <b>TX5e:</b>     | <b>CJLRCAPRD-%</b> |

### Compatible Mini-Com UTP Jack Modules

#### Mini-Com UTP Jack Modules

|                  |                  |
|------------------|------------------|
| <b>TX6A:</b>     | <b>CJ6X88TG*</b> |
| <b>TX6 PLUS:</b> | <b>CJ688TG*</b>  |
| <b>TX5e:</b>     | <b>CJ5E88TG*</b> |

#### Mini-Com Spring Shuttered UTP Jack Modules

|                  |                   |
|------------------|-------------------|
| <b>TX6A:</b>     | <b>CJH6X88TG*</b> |
| <b>TX6 PLUS:</b> | <b>CJH688TG*</b>  |
| <b>TX5e:</b>     | <b>CJH5E88TG*</b> |

### 45° Angled Wire Caps for Mini-Com Shielded Jack Modules

#### Up/Down 45° Angle Caps

|                  |                     |
|------------------|---------------------|
| <b>TX6A:</b>     | <b>CJSUDCAPBU-X</b> |
| <b>TX6 PLUS:</b> | <b>CJSUDCAPIW-X</b> |
| <b>TX5e:</b>     | <b>CJSUDCAPRD-X</b> |

#### Left/Right 45° Angle Caps

|                  |                     |
|------------------|---------------------|
| <b>TX6A:</b>     | <b>CJSLRCAPBU-X</b> |
| <b>TX6 PLUS:</b> | <b>CJSLRCAPIW-X</b> |
| <b>TX5e:</b>     | <b>CJSLRCAPRD-X</b> |

### Compatible Mini-Com Shielded Jack Modules

#### Mini-Com Shielded Jack Modules

|                  |                   |
|------------------|-------------------|
| <b>TX6A:</b>     | <b>CJS6X88TGY</b> |
| <b>TX6 PLUS:</b> | <b>CJS688TGY</b>  |
| <b>TX5e:</b>     | <b>CJS5E88TGY</b> |

#### Mini-Com Spring Shuttered Shielded Jack Modules

|                  |                    |
|------------------|--------------------|
| <b>TX6A:</b>     | <b>CJSH6X88TGY</b> |
| <b>TX6 PLUS:</b> | <b>CJSH688TGY</b>  |
| <b>TX5e:</b>     | <b>CJSH5E88TGY</b> |

### Tools and Accessories Jack module

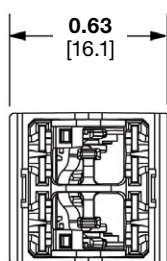
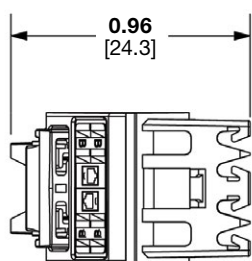
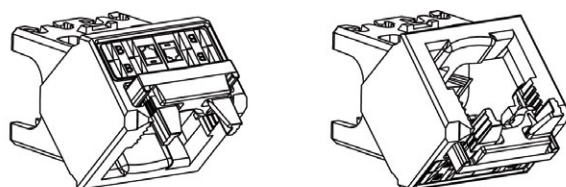
|                             |              |
|-----------------------------|--------------|
| <b>Termination tool:</b>    | <b>TGSJT</b> |
| <b>Wire snipping tool:</b>  | <b>CWST</b>  |
| <b>Wire stripping tool:</b> | <b>CJAST</b> |

% = Package size (X = 10, C = 100)

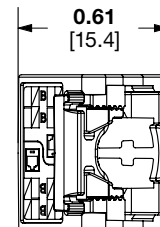
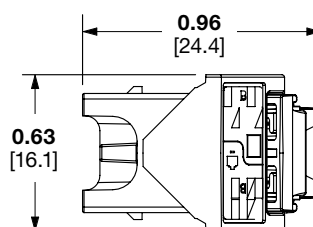
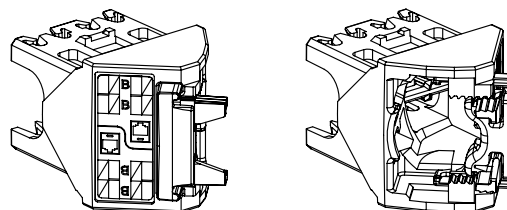
\* To designate color, add suffix IW (Off White), EI (Electric Ivory), IG (International Gray), AW (Arctic White), BL (Black), BU (Blue), RD (Red), YL (Yellow), GR (Green), OR (Orange), VL (Violet) or WH (White).

# 45° Angled Wire Caps for TX6A™, TX6™ PLUS and TX5e™ Mini-Com® UTP and Shielded Jack Modules

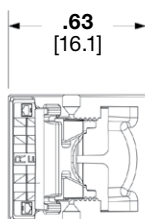
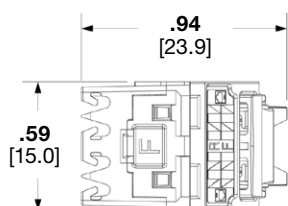
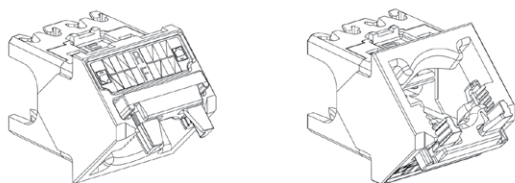
**Up/Down 45° UTP TG Wire Cap**  
**CJUDCAPBU-%, CJUDCAPIW-%, CJUDCAPRD-%**  
(See Installation Instruction [PN610](#))



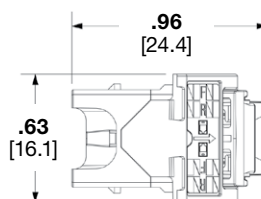
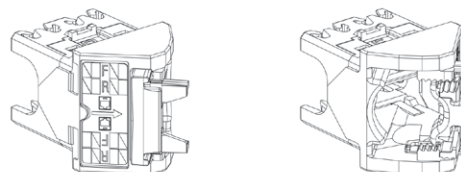
**Left/Right 45° UTP TG Wire Cap**  
**CJLRCAPBU-%, CJLRCAPIW-%, CJLRCAPRD-%**  
(See Installation Instruction [PN609](#))



**Up/Down 45° Shielded TG Wire Cap**  
**CJSUDCAPBU-X, CJSUDCAPIW-X, CJSUDCAPRD-X**  
(See Installation Instruction [PN630](#))

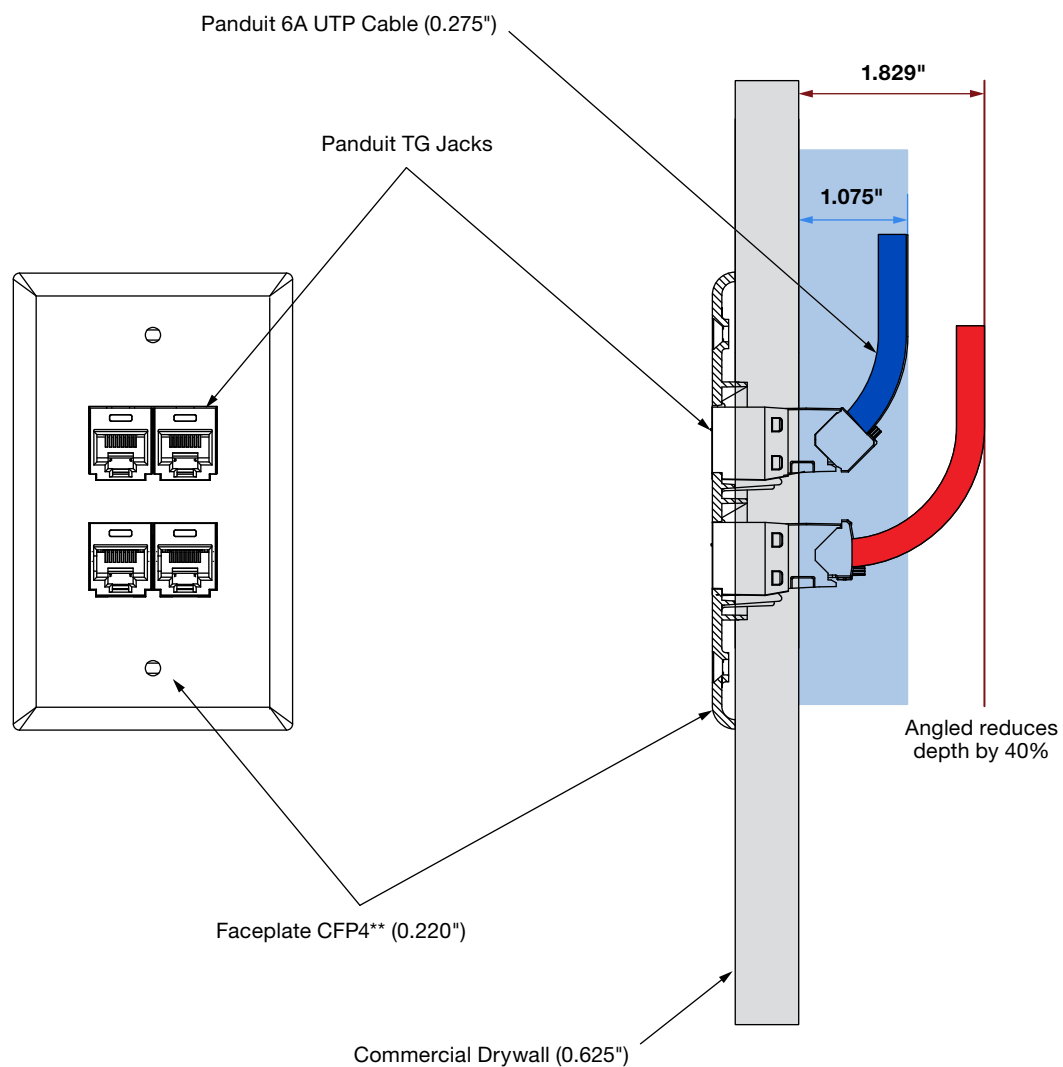


**Left/Right 45° Shielded TG Wire Cap**  
**CJSLRCAPBU-X, CJSLRCAPIW-X, CJSLRCAPRD-X**  
(See Installation Instruction [PN629](#))

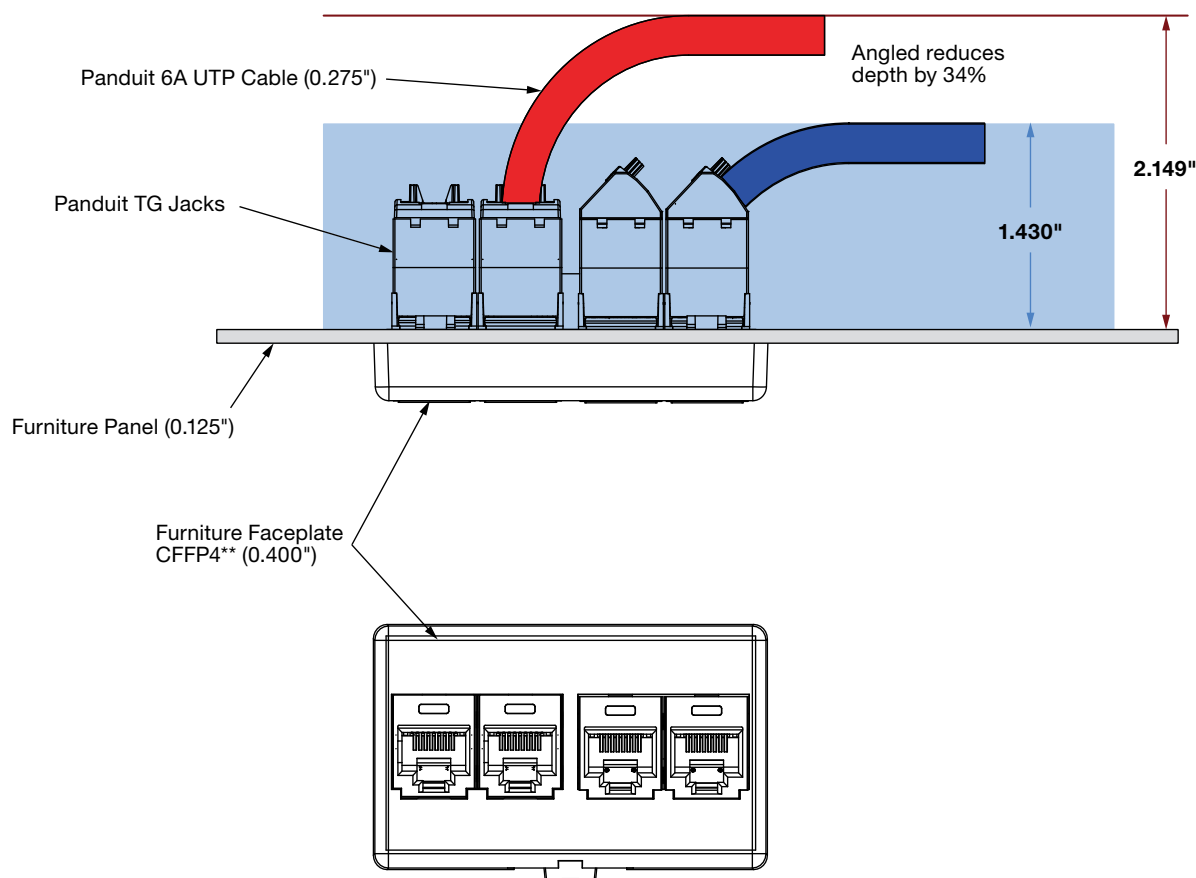


Dimensions are in inches. [Dimensions in brackets are metric]

## Panduit Up/Down 45° Angled Wire Caps Space Savings in Typical Wall Outlet Application (UTP Shown, Shielded Similar)



## Panduit Left/Right 45° Angled Wire Caps Space Savings in Typical Furniture Application (UTP Shown, Shielded Similar)



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