

# Mini-Com® Jack Module Selection Guide - “TG Style” Termination

## Mini-Com® UTP Jack Modules

Mini-Com® jack modules snap in and out of all Mini-Com® faceplates, modular patch panels, and surface mount boxes for ultimate design flexibility and easy moves, adds, and changes.

### Standard

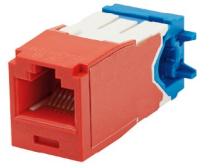


- High performance termination
- Wire cap with separate quadrant for each conductor pair
- Highest density 48 ports in 1RU
- Provide minimal cable untwist
- 100% tested and individually serialized
- Terminates 22-26 AWG solid and stranded conductors

| Part Number | Performance | Description                         |
|-------------|-------------|-------------------------------------|
| CJ6X88TG**  | Category 6A | Mini-Com® TX6A™ UTP Jack Module     |
| CJ688TG**   | Category 6  | Mini-Com® TX6™ PLUS UTP Jack Module |
| CJ5E88TG**  | Category 5e | Mini-Com® TX5e™ UTP Jack Module     |

**Bulk Packs:** Standard jack modules available in bulk packs, which package jacks in a single box with no bag. Add -24 after part number for packs of 24. Add -C after part number for packs of 100.

### Right Angle



- Allows cable to route at a 90° angle to the left or right
- Ideal for installations with minimal depth so not to violate cable bend radius

|             |             |   |
|-------------|-------------|---|
| CJR6X88TG** | Category 6A | Mini-Com® TX6A™ Right Angle Jack Module     |
| CJR688TG**  | Category 6  | Mini-Com® TX6™ PLUS Right Angle Jack Module |
| CJR5E88TG** | Category 5e | Mini-Com® TX5e™ Right Angle Jack Module     |

**Wire cap only:** Change an existing *Standard* or *Shuttered* jack module into a *Right Angle* jack module by ordering only the right angle wire cap. Order CJRCAPBU for Cat 6A, CJRCAPIW for Cat 6, or CJRCAPRD for Cat 5e.

### Shuttered



- Door automatically opens and closes with plug insertion/removal
- Ideal for use in dusty environments where jack is not always mated

|             |             |  |
|-------------|-------------|--|
| CJH6X88TG** | Category 6A | Mini-Com® TX6A™ Spring Shuttered Jack Module     |
| CJH688TG**  | Category 6  | Mini-Com® TX6™ PLUS Spring Shuttered Jack Module |
| CJH5E88TG** | Category 5e | Mini-Com® TX5e™ Spring Shuttered Jack Module     |

### 28/30 AWG



- Required for terminating to wires of Panduit 28 AWG patch cords
- Terminates 28 AWG solid/stranded to 30 AWG solid conductors

|             |             |   |
|-------------|-------------|---|
| CJT6X88TG** | Category 6A | Mini-Com® TX6A™ 28/30 AWG Jack Module     |
| CJT688TG**  | Category 6  | Mini-Com® TX6™ PLUS 28/30 AWG Jack Module |
| CJT5E88TG** | Category 5e | Mini-Com® TX5e™ 28/30 AWG Jack Module     |

### Corrosive Resistant



- Protects electrical contacts with polymer based gel
- Resists corrosive elements such as salt and moisture

|             |             |   |
|-------------|-------------|---|
| CJE688TG**  | Category 6  | Mini-Com® TX6™ PLUS Corrosive Resistant Jack Module |
| CJE5E88TG** | Category 5e | Mini-Com® TX5e™ Corrosive Resistant Jack Module     |

(Available colors for all jack module designs)

(Additional colors for *Standard*)



\*\* = Color.

Note: Colors shown may differ slightly from actual jack colors.

IW=Off White, EI=Electric Ivory, IG=International Gray, AW=Arctic White, BL=Black, BU=Blue, GR=Green, RD=Red, OR=Orange, VL=Violet, YL=Yellow, WH=White, BR=Brown, GD=Gold, LB=Light Blue, PK=Pink

# Mini-Com® Jack Module Selection Guide - “TG Style” Termination

## Mini-Com® Shielded Jack Modules

### Standard



- High performance termination
- **Shielded** wire cap with separate quadrant for each conductor pair
- Provides minimal cable untwist
- 28/30 AWG shielded jack module terminates 28 AWG solid/stranded and 30 AWG solid conductors and is required for terminating to Panduit 28 AWG patch cords
- Provides a 360° conductive path to ground
- 100% tested and individually serialized
- Seamless bonding of the jack module to ground when using Mini-Com® All Metal Modular Patch Panels

|                      |             |  |
|----------------------|-------------|--|
| <b>CJS6X88TG**Y</b>  | Category 6A | Mini-Com® TX6A™ Shielded Jack Module           |
| <b>CJST6X88TG**Y</b> | Category 6A | Mini-Com® TX6A™ 28/30 AWG Shielded Jack Module |
| <b>CJS688TG**Y</b>   | Category 6  | Mini-Com® TX6™ PLUS Shielded Jack Module       |
| <b>CJS5E88TG**Y</b>  | Category 5e | Mini-Com® TX5e™ Shielded Jack Module           |

**Bulk Packs:** Standard shielded jack modules in black available in bulk packs, which package jacks in a single box with no bag. Add -24 after part number for packs of 24.

### Shuttered



- Door automatically opens and closes with plug insertion/removal
- Ideal for use in dusty environments where jack is not always mated

|                      |             |   |
|----------------------|-------------|---|
| <b>CJSH6X88TG**Y</b> | Category 6A | Mini-Com® TX6A™ Spring Shuttered Shielded Jack Module     |
| <b>CJSH688TG**Y</b>  | Category 6  | Mini-Com® TX6™ PLUS Spring Shuttered Shielded Jack Module |
| <b>CJSH5E88TG**Y</b> | Category 5e | Mini-Com® TX5e™ Spring Shuttered Shielded Jack Module     |

\*\* = Color.



No designation=Black, BU=Blue, GR=Green, RD=Red, VL=Violet, YL=Yellow

Note: Colors shown may differ slightly from actual jack colors.

### wire caps

- Panduit wire cap color indicates performance level



22-26 AWG



28-30 AWG

| Wire cap  | Category 6A | Category 6 | Category 5e |
|-----------|-------------|------------|-------------|
| 22-26 AWG | Blue        | White      | Red         |
| 28-30 AWG | Aqua        | Green      | Yellow      |

Note: Colors shown may differ slightly from actual cap colors.

## technical information

|                                 |   |
|---------------------------------|---|
| <b>Component Compliance:</b>    | All jack modules exceed applicable ANSI/TIA-568-C.2 and ISO/IEC 11801 component requirements  |
| <b>FCC and ANSI compliance:</b> | Meets ANSI/TIA-1096-A contacts plated with 50 microinches of gold for superior performance  |
| <b>IEC compliance:</b>          | Meets IEC 60603-7 and IEC 60512-99-001 (2500 plug insertions with PoE++ type 4)   |
| <b>RoHS compliance:</b>         | Compliant   |
| <b>PoE compliance:</b>          | Supports PoE, PoE+, and the proposed Type 3 and 4 PoE++ applications for up to 100 W  |
| <b>UL rated:</b>                | UL 1863 (Use as communications circuit accessory), all jack modules<br>UL 2043 (Suitable for use in air-handling spaces), standard & shuttered (shielded & unshielded), right angle |
| <b>Mini-Com interface:</b>      | One interface supports both faceplate and patch panels in densities up to 48 ports in 1RU   |
| <b>100% performance tested:</b> | Confidence that each jack module will deliver the critical electrical performance requirements  |

### WORLDWIDE SUBSIDIARIES AND SALES OFFICES

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