

# Category 6A, 6 and 5e Copper Selection Guide

## UTP Jack Modules

- 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

### Standard



| Part Number | Performance | Description                 |
|-------------|-------------|-----------------------------|
| CJ6X88TG**  | Category 6A | TX6A™ 10Gig UTP Jack Module |
| CJ688TG**   | Category 6  | TX6™ PLUS UTP Jack Module   |
| CJ5E88TG**  | Category 5e | TX5e™ UTP Jack Module       |

### Shuttered



- Spring shuttered doors automatically open and close with plug insertion/removal
- Shuttered jacks are ideal for dust environments where jacks are not always mated

| Part Number | Performance | Description                              |
|-------------|-------------|--|
| CJH6X88TG** | Category 6A | TX6A™ 10Gig Spring Shuttered Jack Module |
| CJH688TG**  | Category 6  | TX6™ PLUS Spring Shuttered Jack Module   |
| CJH5E88TG** | Category 5e | TX5e™ Spring Shuttered Jack Module       |

### 28/30 AWG



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

| Part Number | Performance | Description                       |
|-------------|-------------|-----------------------------------|
| CJ6X88TG**  | Category 6A | TX6A™ 10Gig 28/30 AWG Jack Module |
| CJ688TG**   | Category 6  | TX6™ PLUS 28/30 AWG Jack Module   |
| CJ5E88TG**  | Category 5e | TX5e™ 28/30 AWG Jack Module       |

(Available colors for all jack module designs)



\*\* = Color. 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.

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## Wire Cap Color Chart

- Panduit wire cap color indicates performance level



22-28 AWG



26-30 AWG

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

BU=Blue, WH=White, RD=Red, AQ=Aqua, GR=Green, and YL=Yellow

## Patch Cords

### TX6A™, TX6™ PLUS and TX5e™ Patch Cords

- Supports up to 100 meters of channel length
- 24 AWG de-rating factor: 1.2
- CM flame rating with LSZH option for Category 6 (meter lengths only)



| Part Number | Performance | Description  |
|-------------|-------------|--|
| UTP6A*M^    | Category 6A | Category 6A TX6A™ 10Gig 24 AWG UTP Patch Cord with MaTriX Technology |
| UTPSP*M^    | Category 6  | Category 6 TX6™ PLUS 24 AWG UTP Patch Cord                           |
| UTPCH*M^Y   | Category 5e | Category 5e TX5e™ 24 AWG UTP Patch Cord                              |

\* Length: 0.5 – 10m (every 0.5m)  
11 – 20m (every 1m)  
25 to 60m (every 5m)

### Category 6A, Category 6 and Category 5e 28 AWG Patch Cords

- Supports up to 96 meters of channel length (when using 6 meters of patch)
- Dual-CM/LSZH flame rating
- 28 AWG de-rating factor: 1.9



| Part Number | Performance | Description                       |
|-------------|-------------|-----------------------------------|
| UTP28X*M^   | Category 6A | Category 6A 28 AWG UTP patch cord |
| UTP28SP*M^  | Category 6  | Category 6 28 AWG UTP patch cord  |
| UTP28CH*M^  | Category 5e | Category 5e 28 AWG UTP patch cord |

\* Length: 0.5 – 10m (every 0.5m)  
11 – 20m (every 1m)  
25 to 60m (every 5m)

Available cord colors



Off White (default; no designation needed), BL=Black, BU=Blue, GR=Green, RD=Red, OR=Orange, VL=Violet, YL=Yellow, GY=Gray.  
Note: Colors shown may vary slightly from actual cable colors.

## Copper Cable



| Part Number    | Description   | Std. Pkg. Qty. (RL) | Std. Ctn. Qty. |
|----------------|---|---------------------|----------------|
| PUC6AM04**-CEG | Category 6A, UTP CM, 4-pair, conductors are 23 AWG, twisted pairs, separated by an integrated pair divider, surrounded by Advanced MaTriX tape protected by a PVC jacket, Blue, Euro pallet.    | 1                   | 18             |
| PUC6ASD04**-EG | Category 6A (SD), UTP, CM, 4-pair, conductors are 26 AWG, twisted pairs, separated by an integrated pair divider, surrounded by patented MaTriX tape protected by a flame-retardant PVC jacket. | 1                   | 18             |
| PUD6C2804**-CE | Category 6, UTP, 4-pair, conductors are 28 AWG, twisted pairs, protected by a flame retardant CM/LSZH/LSZH-FR jacket.   | 1                   | 30             |
| PUC6004**-FE   | Enhanced Category 6, UTP, CM, 4-pair, conductors are 23 AWG with HDPE insulation, twisted pairs, separated by an integrated pair divider and protected by a flame-retardant PVC jacket.         | 1                   | 24             |
| PUC6C04**-C    | Category 6, UTP, 4-pair, conductors are 24 AWG with PE insulation, twisted pairs, separated by cross divider and protected by a PVC jacket.   | 1                   | 20             |
| PUC5504**-Y    | Category 5e, UTP, 4-pair, conductors are 24 AWG with HDPE insulation, twisted pairs, separated by cross divider and protected by a PVC jacket.  | 1                   | 36             |

\*\* Copper cable is shown in Blue (BU) or WH (White). Visit [www.panduit.com](http://www.panduit.com) for availability of other colors.

## NEW! Mini-Com™ Surface Mount Boxes with Quick Release Cover

- Empty boxes accept all Mini-Com™ Modules
- Includes a quick removal cover; does not require a tool
- Stronger, hidden magnet improves retention and prevents damage to surface
- Wide breakouts compatible with larger cables
- Shuttered feature is added when installing new shuttered jacks (CJH^88TG\*\*)
- 3-port surface mount box includes a 4-port surface mount box plus a blank module



| Ports                               | Part Numbers |              |             |              |
|-------------------------------------|--------------|--------------|-------------|--------------|
|                                     | Empty        | Category 5e* | Category 6* | Category 6A* |
| 1-port                              | JOQ10000     | JOQ1H500     | JOQ1H600    | JOQ1H6A00    |
| 2-port                              | JOQ20000     | JOQ2H500     | JOQ2H600    | JOQ2H6A00    |
| 3-port<br>(with extra blank module) | JOQ3B000     | JOQ3BH500    | JOQ3BH600   | JOQ3BH6A00   |
| 4-port                              | JOQ40000     | JOQ4H500     | JOQ4H600    | JOQ4H6A00    |
| 6-port                              | JOQ60000     | JOQ6H500     | JOQ6H600    | JOQ6H6A00    |

^Add 6A, 6 or 5e

\*Surface mount boxes are listed in IW (Off White). Other color available is BL (Black). Add BL to the end of the part number. Example: JOQ10000BL. See pg.1 for additional jack module color options.

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