

### specifications

Category 5e/Class D keyed shielded patch cords shall be constructed of 26 AWG shielded twisted pair stranded copper cable with a keyed modular plug on one end and a non-keyed modular plug on the other end. Keyed modular plugs shall be mechanically keyed with color-specific positive and negative keying features to prevent unintentional mating with unlike keyed or non-keyed jack modules. Copper conductors in patch cable shall be twisted in pairs and separated by a quadrant separator. All four pairs shall be surrounded by a foil shield and a flame retardant jacket. Patch cords shall be used in all work area outlets and patch panels and shall be compatible with both T568A and T568B wiring schemes.



### technical information

|   |  |
|---|--|
| <b>Category 5e/Class D channel and component performance:</b> | Certified channel performance in a 4-connector configuration up to 100 meters and exceeds requirements of ANSI/TIA/EIA-568-B.2 Category 5e and ISO 11801 2nd Edition Class D standards |
|   | Certified component performance to the ANSI/TIA/EIA-568-B.2 Category 5e and ISO 11801 Class D standards  |
| <b>FCC compliance:</b>  | Meets ANSI/TIA-968-A; contacts plated with 50 microinches of gold for superior performance   |
| <b>IEC compliance:</b>  | Meets IEC 60603-7  |
| <b>PoE compliance:</b>  | Meets IEEE 802.3af and draft requirements of IEEE 802.3at for PoE Plus   |
| <b>UL rated:</b>  | No. 1863   |

### key features and benefits

|   |   |
|---|---|
| <b>Color-specific keys with positive and negative keying features</b> | Mechanically and visually distinguish connections to prevent unintentional insertion into unlike keyed or non-keyed ports, all network design flexibility and versatility, and accommodate more discrete networks |
| <b>100% performance tested</b>  | Confidence that each patch cord delivers specified performance  |
| <b>Integral pair manager</b>  | Optimizes performance, consistency, and reliability by reducing untwist at plug   |
| <b>Patented tangle-free latch</b>                                     | Prevents snags and provides easy release, saving time and providing reliability on frequent moves, adds, and changes  |
| <b>Slender strain relief boot</b>                                     | Provides easy access in high-density applications   |
| <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>Variety of colors and lengths</b>                                  | Meets individual length and color-coding requirements for greater system flexibility  |
| <b>Color bands (optional)</b>   | Snap onto cable, allowing additional color-coding options   |

### applications

The TX5e™ Keyed Shielded Patch Cords are a component of the PANDUIT® TX5e™ Shielded Copper Cabling System. Keyed connectivity enables a level of visual and mechanical differentiation, and physical layer security that conventional cabling systems cannot provide. Key applications include:

- Ethernet 10BASE-T, 100BASE-T (Fast Ethernet), 1000BASE-T (Gigabit Ethernet)
- 155 Mb/s ATM, 622 Mb/s ATM
- Token Ring 4/16
- Voice/data systems
- Voice over Internet Protocol (VoIP)

#### TX5e™ Keyed Shielded Copper Cabling System

#### TX5e™ Keyed Shielded Patch Cords

|                          |           |
|--------------------------|-----------|
| <b>Keyed A (black):</b>  | STPKCH*BL |
| <b>Keyed B (red):</b>    | STPKCH*RD |
| <b>Keyed C (green):</b>  | STPKCH*GR |
| <b>Keyed D (yellow):</b> | STPKCH*YL |
| <b>Keyed E (orange):</b> | STPKCH*OR |
| <b>Keyed F (blue):</b>   | STPKCH*BU |

#### TX5e™ Keyed Shielded Jack Modules

|                          |              |
|--------------------------|--------------|
| <b>Keyed A (black):</b>  | CJSK5E88TGBL |
| <b>Keyed B (red):</b>    | CJSK5E88TGRD |
| <b>Keyed C (green):</b>  | CJSK5E88TGGR |
| <b>Keyed D (yellow):</b> | CJSK5E88TGYL |
| <b>Keyed E (orange):</b> | CJSK5E88TGOR |
| <b>Keyed F (blue):</b>   | CJSK5E88TGBU |

#### TX5500™ Shielded Copper Cable

|              |              |
|--------------|--------------|
| <b>LSZH:</b> | PSFL5504DG-E |
| <b>PVC:</b>  | PSFC5504LG-E |

#### MINI-COM® Angled Flush Mount Modular Patch Panels

|                      |              |
|----------------------|--------------|
| <b>24-port, 1RU:</b> | CPPA24FMWBLY |
| <b>48-port, 2RU:</b> | CPPA48FMWBLY |

#### MINI-COM® Flat Flush Mount Modular Patch Panels

|                      |             |
|----------------------|-------------|
| <b>24-port, 1RU:</b> | CPP24FMWBLY |
| <b>48-port, 2RU:</b> | CPP48FMWBLY |
| <b>72-port, 2RU:</b> | CPP72FMWBLY |

For additional modular patch panels reference [www.panduit.com](http://www.panduit.com)

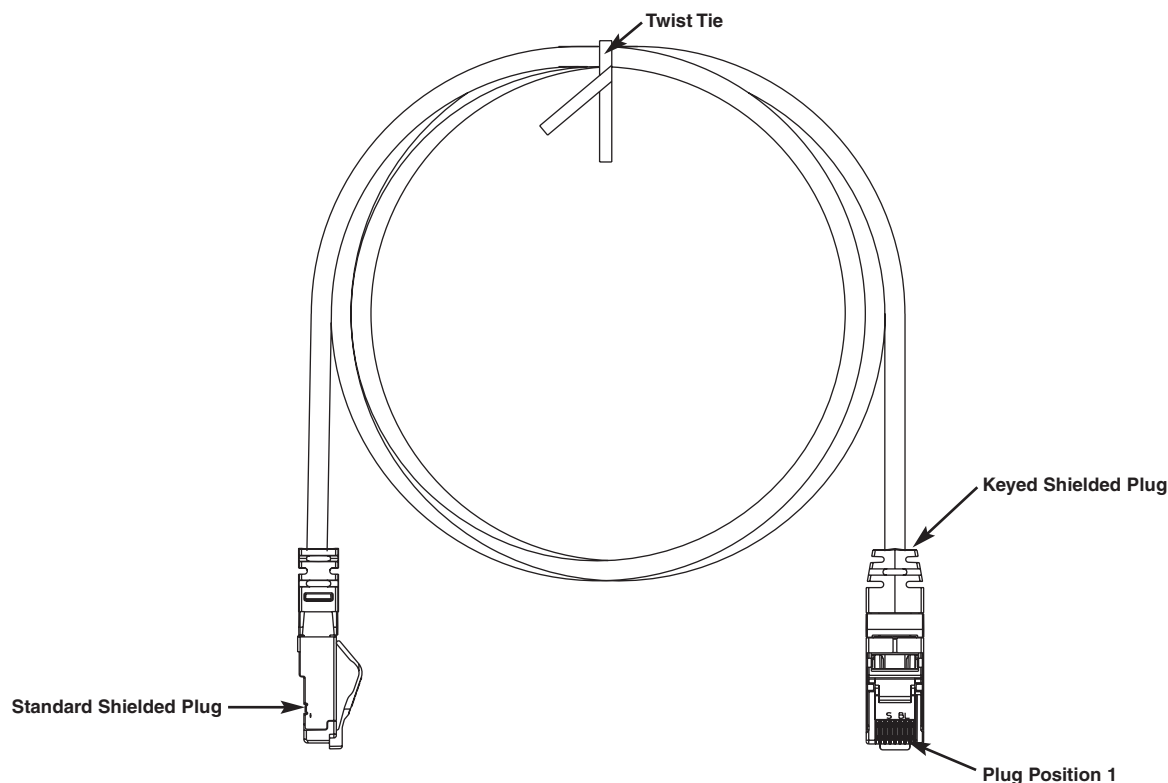
#### Tools and Accessories

|                                 |           |
|---------------------------------|-----------|
| <b>Patch cord removal tool:</b> | PCRT1     |
| <b>Flashlight kit:</b>          | KPCRT1-FL |
| <b>Patch cord color band:</b>   | PCBAND^Q  |

\*Substitute for length in feet: 3, 5, 7, 10 or 14 feet. Contact customer service for universal reference patch cords.

^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.

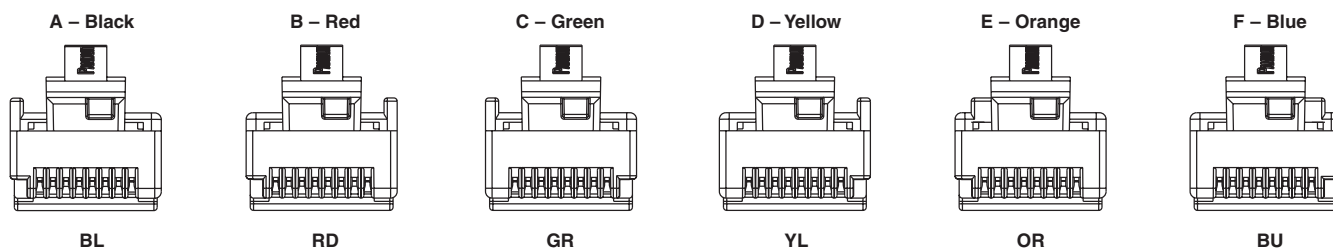
# TX5e™ Keyed Shielded Patch Cords



T568B Wiring Scheme

| Plug Position | Cable Wire   |
|---------------|--------------|
| 1             | White/Orange |
| 2             | Orange       |
| 3             | White/Green  |
| 4             | Blue         |
| 5             | White/Blue   |
| 6             | Green        |
| 7             | White/Brown  |
| 8             | Brown        |

## Shielded Patch Cord Color/Key Code



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