

## 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)

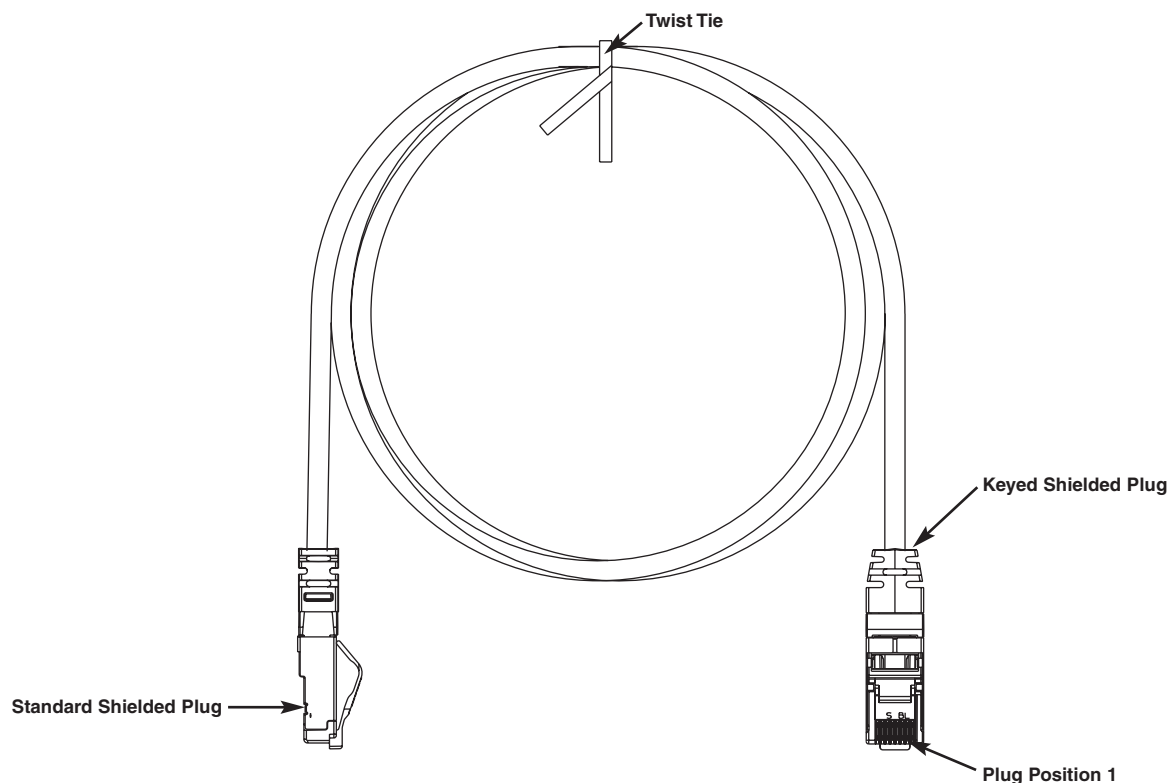
#### Tools and Accessories

<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.

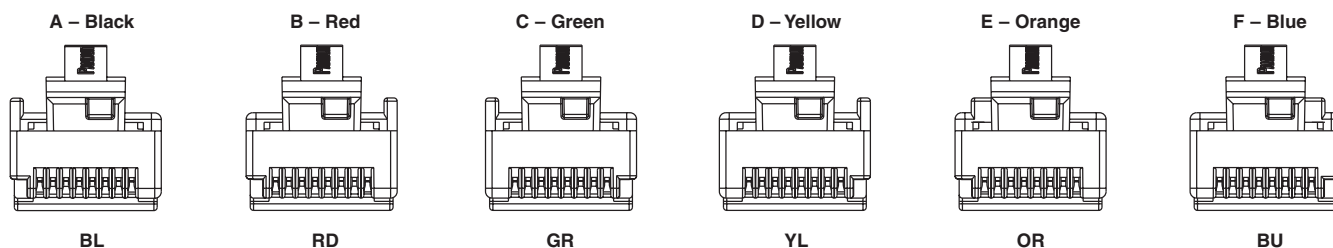
# TX5e™ Keyed Shielded Patch Cords



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



### WORLDWIDE SUBSIDIARIES AND SALES OFFICES

PANDUIT CANADA  
Markham, Ontario  
cs-cdn@panduit.com  
Phone: 800.777.3300

PANDUIT EUROPE LTD.  
London, UK  
cs-emea@panduit.com  
Phone: 44.20.8601.7200

PANDUIT SINGAPORE PTE. LTD.  
Republic of Singapore  
cs-ap@panduit.com  
Phone: 65.6305.7575

PANDUIT JAPAN  
Tokyo, Japan  
cs-japan@panduit.com  
Phone: 81.3.6863.6000

PANDUIT LATIN AMERICA  
Jalisco, Mexico  
cs-la@panduit.com  
Phone: 52.333.777.6000

PANDUIT AUSTRALIA PTY. LTD.  
Victoria, Australia  
cs-aus@panduit.com  
Phone: 61.3.9794.9020

For a copy of PANDUIT product warranties, log on to [www.panduit.com/warranty](http://www.panduit.com/warranty)



For more information  
Visit us at [www.panduit.com](http://www.panduit.com)  
Contact Customer Service by email: [cs@panduit.com](mailto:cs@panduit.com)  
or by phone: 800-777-3300 and reference COSP158

© 2009 PANDUIT Corp.  
ALL RIGHTS RESERVED.  
WW-COSP158  
3/2009