

specifications

Category 5e/Class D, keyed UTP patch cords shall be constructed of 26 AWG unshielded 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 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

Category 5e/Class D channel and component performance:	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
FCC compliance:	Meets ANSI/TIA-968-A; contacts plated with 50 microinches of gold for superior performance
IEC compliance:	Meets IEC 60603-7
PoE compliance:	Meets IEEE 802.3af and draft requirements of IEEE 802.3at for PoE Plus
UL rated:	No. 1863

key features and benefits

Color-specific keys with positive and negative keying features	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
100% performance tested	Confidence that each patch cord delivers specified performance
Integral pair manager	Optimizes performance, consistency, and reliability by reducing untwist at plug
Patented tangle-free latch	Prevents snags and provides easy release, saving time and providing reliability on frequent moves, adds, and changes
Slender strain relief boot	Provides easy access in high-density applications
Robust construction	Rated to 2500 mating cycles
Identification	Provides identification of performance level, length, and quality control number for future traceability
Variety of colors and lengths	Meets individual length and color-coding requirements for greater system flexibility
Color bands (optional)	Snap onto cable, allowing additional color-coding options

applications

The TX5e™ Keyed UTP Patch Cords are a component of the PANDUIT® TX5e™ UTP 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 UTP Copper Cabling System

TX5e™ Keyed UTP Patch Cords

Keyed A (black):	UTPKCH*BL
Keyed B (red):	UTPKCH*RD
Keyed C (green):	UTPKCH*GR
Keyed D (yellow):	UTPKCH*YL
Keyed E (orange):	UTPKCH*OR
Keyed F (blue):	UTPKCH*BU

MINI-COM® TX5e™ Keyed UTP Jack Modules

Keyed A (black):	CJK5E88TGBL
Keyed B (red):	CJK5E88TGRD
Keyed C (green):	CJK5E88TGR
Keyed D (yellow):	CJK5E88TGYL
Keyed E (orange):	CJK5E88TGOR
Keyed F (blue):	CJK5E88TGBU

TX5500™ UTP Copper Cable

Plenum:	PUP5504**~UY
Riser:	PUR5504**~UY

MINI-COM® Angled Flush Mount Modular Patch Panels

24-port, 1RU:	CPPA24FMWBLY
48-port, 2RU:	CPPA48FMWBLY

MINI-COM® Flat Flush Mount Modular Patch Panels

24-port, 1RU:	CPP24FMWBLY
48-port, 2RU:	CPP48FMWBLY
72-port, 2RU:	CPP72FMWBLY

For additional modular patch panels reference www.panduit.com

Tools and Accessories

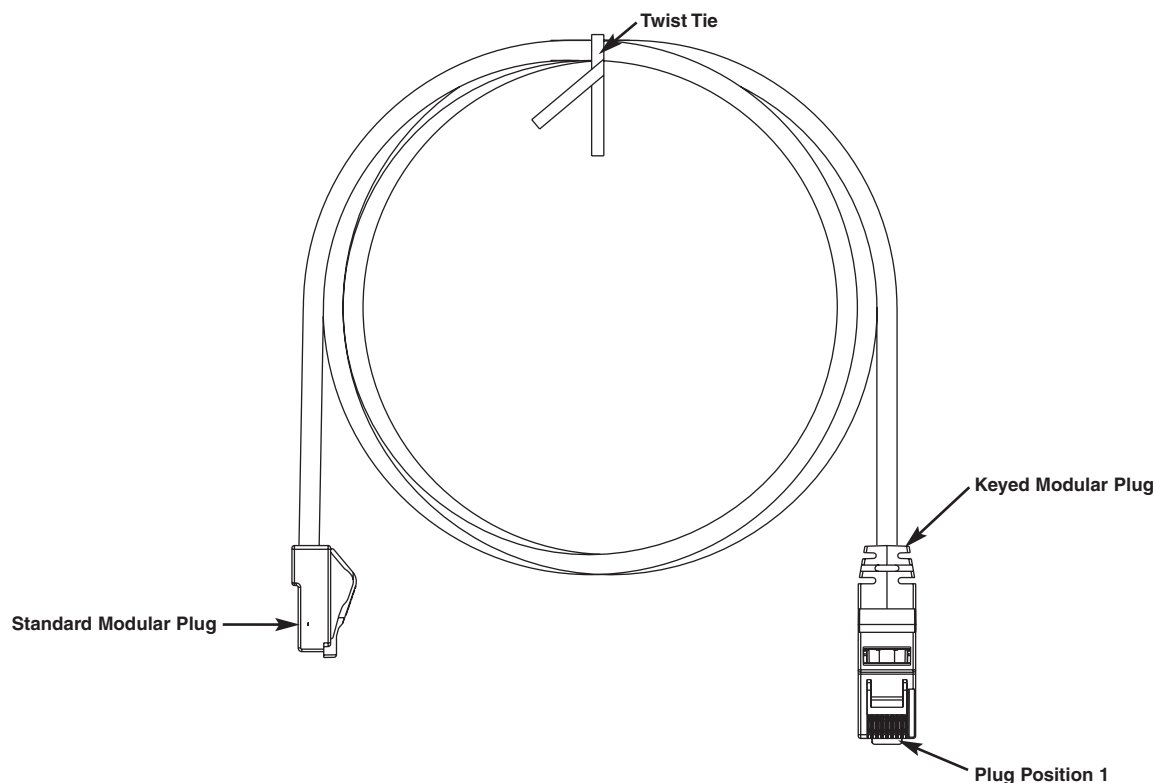
Patch cord removal tool:	PCRT1
Flashlight kit:	KPCRT1-FL
Patch cord color band:	PCBAND^~Q

*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 BU (Blue), WH (White), YL (Yellow), or IG (International Gray). For additional cable colors, contact customer service.

^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

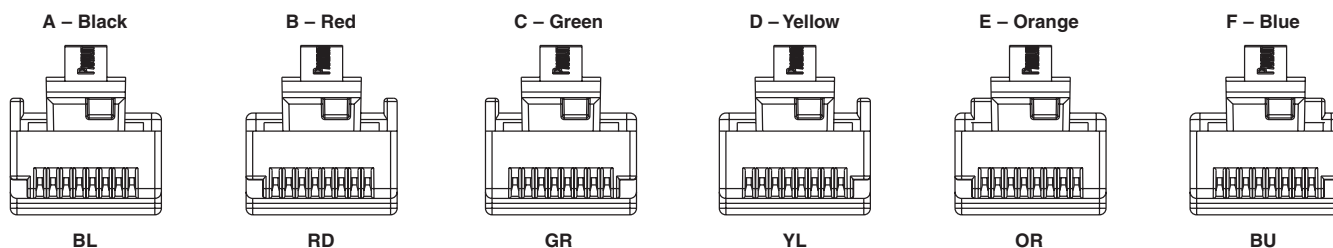
TX5e™ Keyed UTP Patch Cords



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

UTP Patch Cord Color/Key Code



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