

# TX6™ 10Gig™ Keyed UTP Patch Cords

## SPECIFICATIONS

Category 6/Class E keyed UTP patch cords shall be constructed of 24 AWG 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

<b>Category 6/Class E<sub>A</sub> channel and component performance:</b>	Certified channel performance in a 4-connector configuration up to 100 meters and exceeds the requirements of ANSI/TIA/EIA-568-B.2-1 Category 6 and ISO 11801 Class E Standards Certified component performance to the ANSI/TIA/EIA-568-B.2-1 Category 6 and ISO 11801 Class E standards
<b>IEC compliance:</b>	IEC 60603-7, IEC 60529 (IP 20)
<b>FCC:</b>	Meets ANSI/TIA-968-A; contacts are plated with 50 microinches of gold for superior performance
<b>PoE:</b>	Meets IEEE 802.3af and draft requirements of IEEE 802.3at for PoE Plus
<b>UL compliance:</b>	UL 1863
<b>Cable diameter:</b>	0.280 in. (7.1mm) nominal

## KEY FEATURES AND BENEFITS

<b>100% performance tested:</b>	Confidence that each patch cord delivers specified performance
<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>Center de-embedded plug:</b>	Performs in center of ANSI/TIA/EIA 568-B.2-1 component range ensuring interoperability and superior performance
<b>Integral pair manager:</b>	Optimizes performance, consistency, and reliability by reducing untwist at plug
<b>Slender strain relief boot:</b>	Provides easy access in high-density applications
<b>Robust construction:</b>	Rated to 2500 mating cycles

## APPLICATIONS

The TX6 PLUS Keyed UTP Patch Cords are a component of the TX6 PLUS 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), 10GBASE-T (limited distances as specified in the industry standards)
- 155 Mb/s ATM, 622 Mb/s ATM, 1.2 Gb/s ATM
- Token Ring 4/16
- Digital video and broadband/baseband analog video

### TX6 10Gig Keyed UTP Patch Cords

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

### Mini-Com® TX6 PLUS Keyed UTP Jack Modules

<b>Keyed A (black):</b>	CJK688TGBL
<b>Keyed B (red):</b>	CJK688TGRD
<b>Keyed C (green):</b>	CJK688TGGR
<b>Keyed D (yellow):</b>	CJK688TGYL
<b>Keyed E (orange):</b>	CJK688TGOR
<b>Keyed F (blue):</b>	CJK688TGBU

### Tools and Accessories

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

\*Feet lengths: 3, 5, 7, or 10 feet

\*\*Meter lengths: 1, 2, 3, 5, 7, or 10 meters

^Colors: BU (Blue), BL (Black), GR (Green), RD (Red), or YL (Yellow)



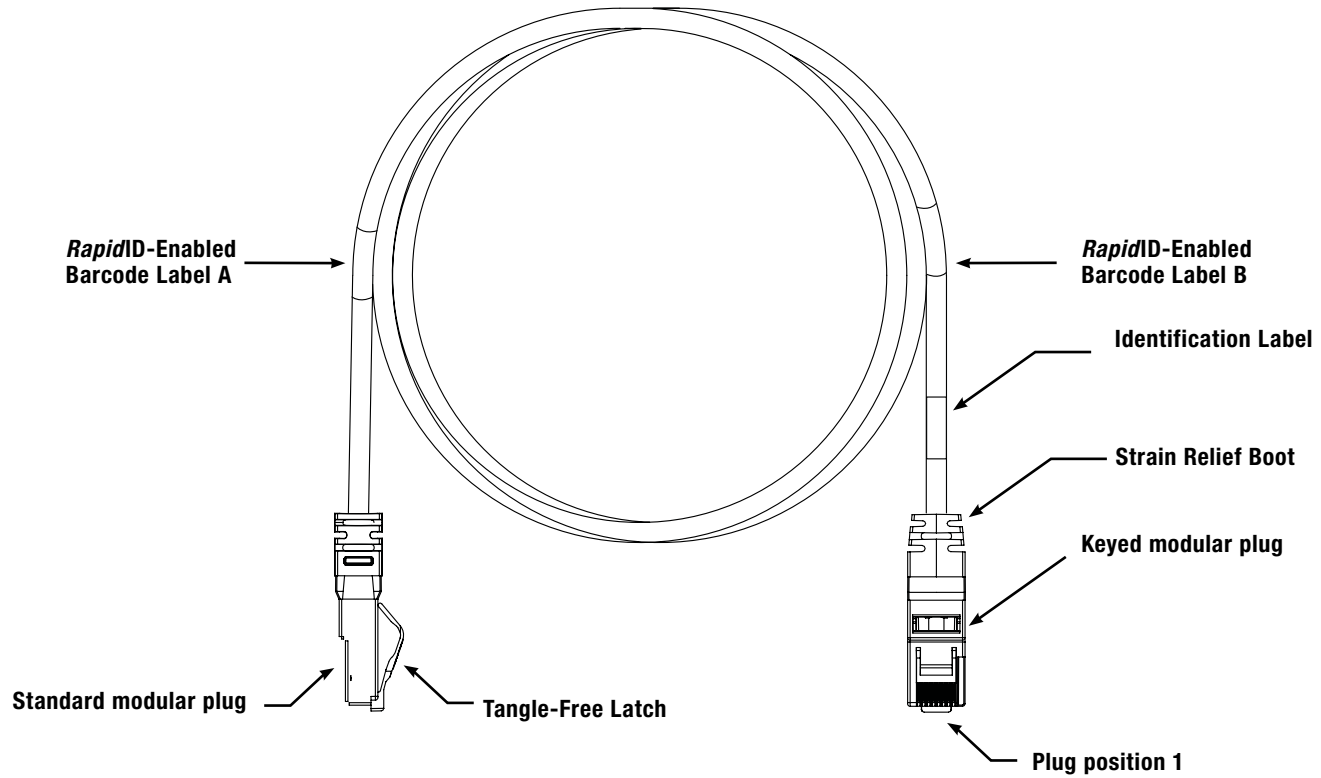
TX6™ 10Gig™ Keyed UTP Patch Cords are pre-labeled with the RapidID™ Network Mapping System to enable faster tracing, placing, and network documentation. Learn more: [www.panduit.com/rapid-id](http://www.panduit.com/rapid-id)



All listed part numbers are compliant with the U.S. Trade Agreements Act (TAA) for purchases shipped to customers in the United States.

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## ENGINEERING DRAWING



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