TX6™ 10Gig™ Keyed UTP Patch Cords

PANDUIT®
SPECIFICATION SHEET

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

Category 6/Class E_A channel and component performance:	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
IEC compliance:	IEC 60603-7, IEC 60529 (IP 20)
FCC:	Meets ANSI/TIA-968-A; contacts are plated with 50 microinches of gold for superior performance
PoE:	Meets IEEE 802.3af and draft requirements of IEEE 802.3at for PoE Plus
UL compliance:	UL 1863
Cable diameter:	0.280 in. (7.1mm) nominal

KEY FEATURES AND BENEFITS

100% performance tested:	Confidence that each patch cord delivers specified performance
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
Center de-embedded plug:	Performs in center of ANSI/TIA/EIA 568-B.2-1 component range ensuring interoperability and superior performance
Integral pair manager:	Optimizes performance, consistency, and reliability by reducing untwist at plug
Slender strain relief boot:	Provides easy access in high-density applications
Robust construction:	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	
Keyed A (black):	UTPKSP*BL
Keyed B (red):	UTPKSP*RD
Keyed C (green):	UTPKSP*GR
Keyed D (yellow):	UTPKSP*YL
Keyed E (orange):	UTPKSP*OR
Keyed F (blue):	UTPKSP*BU
Mini-Com® TX6 PLUS Keyed UTP Jack Modules	
Keyed A (black):	CJK688TGBL
Keyed B (red):	CJK688TGRD
Keyed C (green):	CJK688TGGR
Keyed D (yellow):	CJK688TGYL
Keyed E (orange):	CJK688TGOR
Keyed F (blue):	CJK688TGBU
Tools and Accessories	
Patch cord removal tool:	PCRT1
Flashlight kit:	KPCRT1-FL
Patch cord color band:	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)

PANDUIT RAPIDID enabled

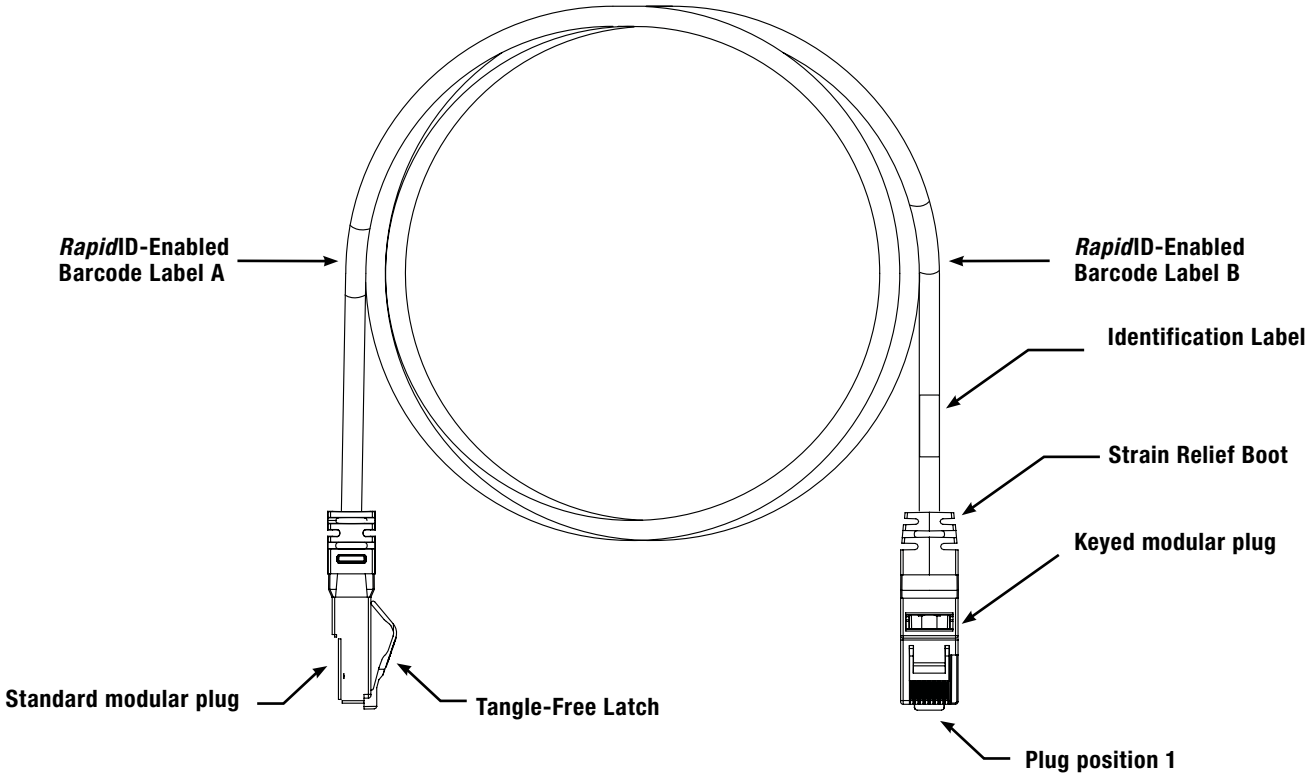
TX6™ 10Gig™ Keyed UTP Patch Cords are pre-labeled with the *Rapid*ID™ Network Mapping System to enable faster tracing, placing, and network documentation.
Learn more: www.panduit.com/rapid-id

TAA Compliant

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

TX6™ 10Gig™ Keyed UTP Patch Cords

ENGINEERING DRAWING



WORLDWIDE SUBSIDIARIES AND SALES OFFICES

PANDUIT US/CANADA
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London, UK
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