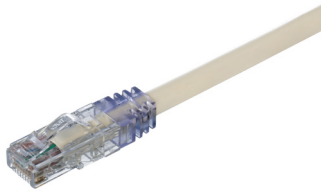
TX6A™ 10Gig UTP Patch Cords

PANDUIT®
SPECIFICATION SHEET

SPECIFICATIONS

Category 6A/Class E_A, UTP patch cords shall be constructed of 24 AWG solid copper cable with an enhanced performance modular plug on each end. Copper conductors in patch cable shall be twisted in pairs and separated by a quadrantseparator. All four pairs shall be surrounded by solid foil tape and a flame retardant jacket. The tape shall suppress alien crosstalk and allow 10 Gb/s transmission. Patch cord cable shall be offered in multiple colors and lengths for design flexibility with a strain relief boot on each modular plug. All patch cords shall be compatible with both T568A and T568B wiring schemes.



TX6A 10Gig UTP Patch Cords	
Foot lengths	UTP6AX*^
Meter lengths:	UTP6AX**M^
Tools and Accessories	
Patch cord removal tool:	PCRT1
Flashlight kit:	KPCRT1-FL
Patch cord color band:	PCBAND^^-Q
Standard RJ45 plug lock-in device:	PSL-DCPLE^^^+

*Feet Lengths: 1 - 29 feet (every 1 foot)
30 - 50 feet (every 5 feet)

**Meter Lengths: 0.2 meters
0.5 - 5 meters (every 0.5 meters)
6 - 15 meters (every 1 meter)
20 meters

^Colors: BL (Black), GY (Gray), GR (Green), RD (Red), YL (Yellow), OR (Orange), VL (Violet)

^^Colors: WH (White), EI (Electric Ivory), IG (International Gray), BL (Black), BU (Blue), RD (Red), YL (Yellow), GR (Green), OR (Orange), or VL (Violet)

^^^Colors other than Red: -BL (Black), -BU (Blue), -GR (Green), -YL (Yellow), -OR (Orange), IW (International White), or -IG (International Gray)

+Add -X for packages of 10 or -C for packages of 100 packages of 100

-Q indicates 25 pieces per package to reduce single-use plastic

◊Lengths 1 meter to 15 meters or 6 inches to 49 feet are guaranteed to meet TIA and ISO component and channel requirements. Lengths greater than 1 5 meters or 49 feet are guaranteed to meet ISO component and both TIA and ISO channel requirements.

TECHNICAL INFORMATION

Category 6A/Class E_A performance:	Exceeds all ANSI/TIA-568.2-D Category 6A and ISO 11801 Class E_A electrical performance requirements for frequencies up to 500 MHZ
FCC and ANSI compliance:	Meets ANSI/TIA-1096-A requirements (formerly FCC Part 68); contacts plated with 50 microinches of gold for superior performance
IEC compliance:	Meets IEC 60603-7
PoE compliance:	Compliant with IEEE 802.3af / 802.3at and 802.3bt type 3 and type 4
c(UL)us compliance:	UL 1863 approved
RoHS compliance:	Compliant
Cable diameter:	0.250 in. (6.4mm) nominal
Headroom warranty:	Guaranteed performance beyond the standard when a complete end-to-end TX6A 10Gig UTP Copper Cabling System is installed by a Panduit certified installer
Installation temperature:	-40°F-158°F (-40°C-70°C)
Flammability rating:	CM

KEY FEATURES AND BENEFITS

100% Performance tested:	Confidence that each patch cord delivers specified performance
Superior headroom Warranty:	Provides the highest margins above the industry standard for both electrical and alien crosstalk performance
Flexible cable design:	Improved cable management in high density applications enabling easier installations
Center de-embedded plug:	Performs in center of ANSI/TIA-568.2-D component range ensuring interoperability and superior 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

APPLICATIONS

The TX6A 10Gig UTP Patch Cords are a component of the TX6A 10Gig UTP Copper Cabling System. Interoperable and backward compatible, this end-to-end system provides design flexibility to protect network investments well into the future. Key applications include:

- 10GBASE-T Ethernet
- Data center I/O consolidation
- Data center server virtualization
- Consolidation of network interconnects
- Back-bone aggregation
- Parallel processing and high speed computing

PANDUIT RAPIDID enabled

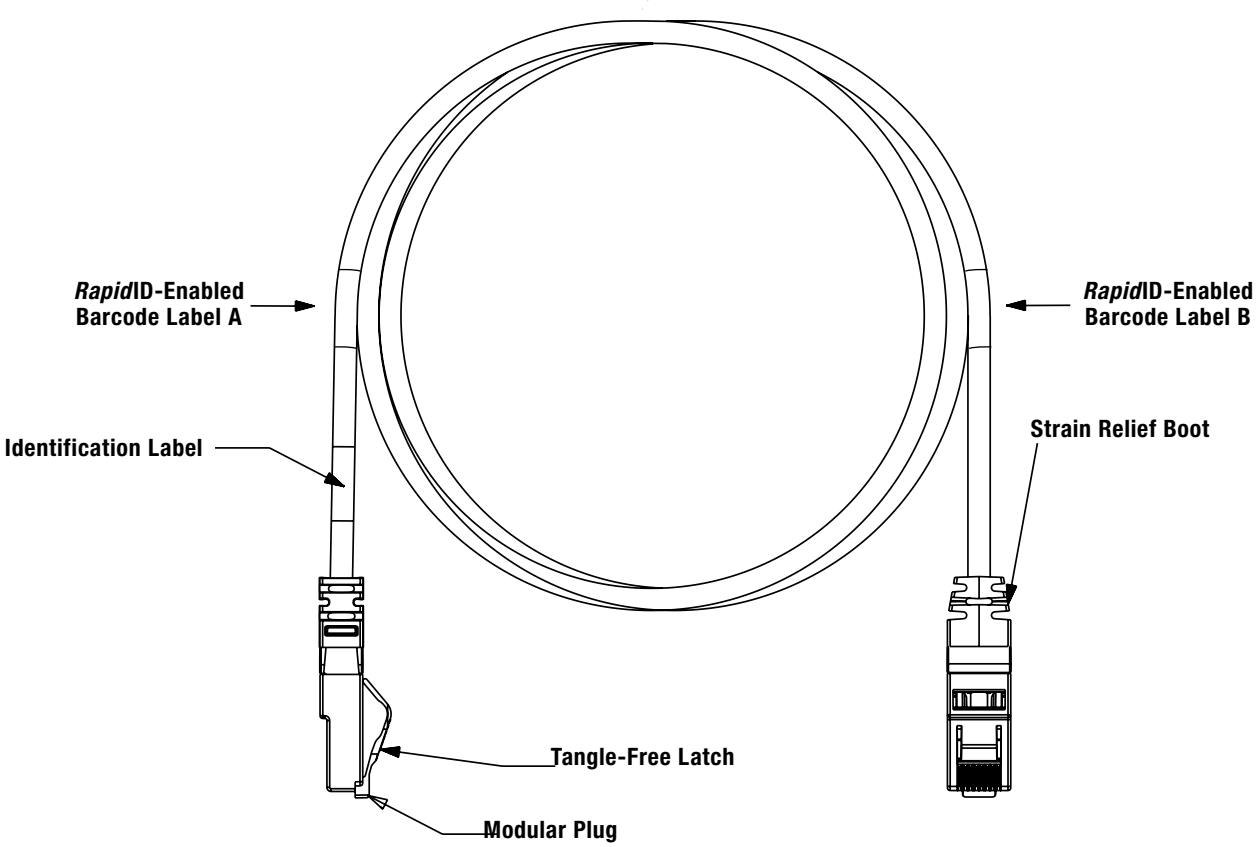
TX6A™ 10Gig UTP Patch Cords arev pre-labeled with the *Rapid*ID™ Network Mapping System to enable faster tracing, placing, and network documentation.
Learn more: www.panduit.com/rapid-id

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.

TX6A™ 10Gig UTP Patch Cords

ENGINEERING DRAWING



Recycle at end of life

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

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For a copy of Panduit product warranties, log on to www.panduit.com/warranty

For more information
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