TX6™ PLUS UTP Patch Cords

PANDUIT™
SPECIFICATION SHEET

SPECIFICATIONS

Category 6/Class E, UTP patch cords shall be constructed of 24 AWG unshielded twisted pair stranded copper cable with an enhanced performance modular plug at each end. Patch cord cable shall be offered in multiple colored UTP cable for design flexibility with a clear strain relief boot on each modular plug. All patch cords shall be compatible with both T568A and T568B wiring schemes.



TECHNICAL INFORMATION

Category 6/ Class E channel and component performance:	Exceeds all ANSI/TIA-568.2-E and ISO 11801 Class E channel and component standards for all frequencies from 1 to 250 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 60603-7l
PoE compliance:	Rated for 2500 cycles with IEEE 802.3af/802.3at and 802.3bt type 3 and type 4
c(UL)us compliance:	UL 1863 approved
RoHS compliance:	Compliant
Flammability rating:	CM or LSZH rated patch cords available

KEY FEATURES AND BENEFITS

100% Performance tested for wire map, NEXT, and return loss:	Confidence that each patch cord delivers specified component level performance
Flexible stranded cable:	U/UTP stranded 24 AWG copper cable with a nominal diam of 0.235 inallows for high-density installations and superior panel cable management
Center de-embedded plug:	Performs in center of ANSI/TIA-568.2-E component range, ensuring interoperability and superior performance
Integral pair manager:	Optimizes performance and consistency by reducing untwist at plug
Tangle-free latch:	Prevents snags and provides easy release, saving time on frequent moves, adds, and changes
Slender strain relief boot:	Provides easy access in high-density applications

APPLICATIONS

TX6 PLUS UTP Patch Cords are a component of TX650™ and TX6000™ Copper Cabling Systems. Interoperable and backward compatible, these end-to-end systems provide design flexibility to protect network investments well into the future. With certified performance to the ANSI/TIA-568.2-E Category 6 and ISO 11801 Class E standards, these systems will support the following applications:

- Ethernet 10BASE-T, 100BASE-T (Fast Ethernet), 1000BASE-T (Gigabit Ethernet), 10GBASE-T (10Gigabit Ethernet over limited distances as specified in the industry 10GBASE-T 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
- Voice over Internet Protocol (VoIP)

TX6 PLUS UTP Patch Cords	
CM Foot lengths:	**UTPSP*^Y**
CM M lengths:	**UTPSP**M^Y**
LSZH M lengths:	**UTPSPL**M^Y**
Tools and Accessories	
Patch cord removal tool:	**PCRT1**
Flashlight kit:	**KPCRT1-FL**
Patch cord band:	**PCBAND^^-Q**
Standard RJ45 plug lock-in device:	**PSL-DCPLE^^^+**
Recessed RJ45 plug lock-in device:	**PSL-DCPLRE^^^+**

***Ft. lengths: 1 - 50 (every 1 foot)**
50 - 130 (every 5 ft.)

****M lengths: 1 - 5m (every 0.5m)**
6 - 10m (every 1m)

^Color: BU (Blue), BL (Black), GR (Green), RD (Red), YL (Yellow) or VL (Violet), or GY (Gray)

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

^^^Colors other than Red: -BU (Blue), -BL (Black), -GR (green), -YL (Yellow), -IW (Off White), or IG (International Gray).

-Q indicates bulk packages with 25 pieces per pack to reduce singe-use plastic

+Add -X to indicates bulk packages with 10 pieces per pack or -C to indicate bulk packages with 100 pieces per pack to reduce singe-use plastic

◊Lengths 1m to 15m or 6 in. to 49 ft. are guaranteed to meet TIA and ISO component and channel requirements. Lengths greater than 15m or 49 ft. are guaranteed to meet ISO component and both TIA and ISO channel requirements

PANDUIT RAPIDID enabled

TX6™ PLUS UTP Patch Cords are pre-labeled with the RapidID™ Network Mapping System to enable faster tracing, placing, and network documentation.

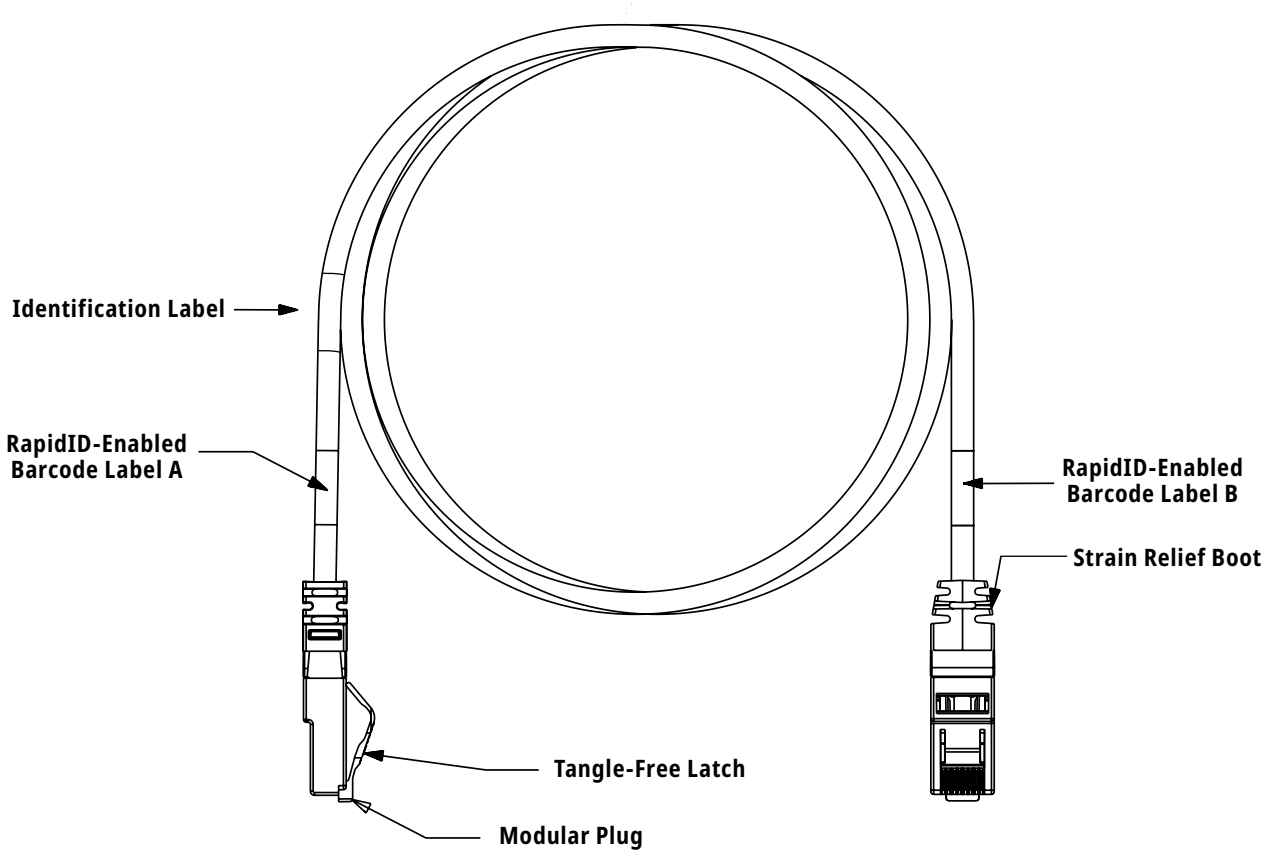
Learn more: panduit.com/rapid-id

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™ PLUS 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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