TX6™ 10GIG™ UTP Patch Cords

specifications

Category 6A UTP patch cords shall be constructed of 24 AWG solid copper cable with an enhanced performance modular plug at each end. Patch cords shall be used in all work area outlets and patch panels. Patch cords shall be wired to be compatible with both T568A and T568B wiring schemes. The *TX6™ 10GIG™* Patch Cords must be installed as part of a complete *PANDUIT TX6™ 10GIG™* UTP Copper Cabling System in order to achieve 10GBASE-T certified performance.

technical information

Category 6A/ ISO 11801 Class E$_A$ channel performance tested to 650 MHz:	Certified channel performance in a 4-connector configuration up to 100 meters and exceeds the draft requirements of ISO 11801 Class E$_A$ Edition 2.1, and IEEE 802.3an-2006, TIA/EIA568-B.2-10 ratified standards for supporting 10GBASE-T transmission over twisted-pair cabling systems as part of the *PANDUIT® TX6™ 10GIG™* UTP Copper Cabling System
FCC compliance:	Meets FCC Part 68 Subpart F; contacts plates with 50 microinches of gold for superior performance
IEC compliance:	Meets IEC 60603-7
UL rated:	No. 1863

key features and benefits

100% performance tested	Confidence that each patch cord delivers specified performance
Centered de-embedded plug	Performs in center of TIA/EIA-568-B.2-1 component range ensuring interoperability and excellent 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	Plug contacts plated with 50 microinches of gold and rated to 2500 mating cycles
Identification	Provides identification of performance level, length, and quality control number for future traceability
Variety of cable 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

TX6™ 10GIG™ UTP Patch Cords are a component of the *PANDUIT TX6™ 10GIG™* UTP Copper Cabling System. This end-to-end system provides a cost effective media for ensuring that the most challenging network bandwidth needs are easily met today and tomorrow. Businesses are placing increased reliance on their networks to efficiently pass vital and time sensitive information throughout their enterprise.

The *TX6™ 10GIG™* UTP Copper Cabling System will support the following applications:
- Data Center high bandwidth applications for switch-to-switch links, storage area networks, and aggregation of data
- 3-D modeling and work group file transfer
- Web-enabling applications such as Voice over Internet Protocol (VoIP)

TX6™ 10GIG™ UTP Copper Cabling System

TX6™ 10GIG™ UTP Patch Cords

3 feet:	UTP6X3*Y
5 feet:	UTP6X5*Y
7 feet:	UTP6X7*Y
10 feet:	UTP6X10*Y
14 feet:	UTP6X14*Y
20 feet:	UTP6X20*Y

MINI-COM® TX6™ 10GIG™ UTP Jack Module

Jack Module:	CJ6X88TG**

TX6™ 10GIG™ UTP Copper Cable

Plenum:	PUP6X04***-U
Riser:	PUR6X04***-UY

DP6™ 10GIG™ Angled Punchdown Patch Panels

24 port, 1 RU:	DPA246X88TGY
48 port, 2 RU:	DPA486X88TGY

DP6™ 10GIG™ Flat Punchdown Patch Panels

24 port, 1 RU:	DP246X88TGY
48 port, 2 RU:	DP486X88TGY

Tools and Accessories

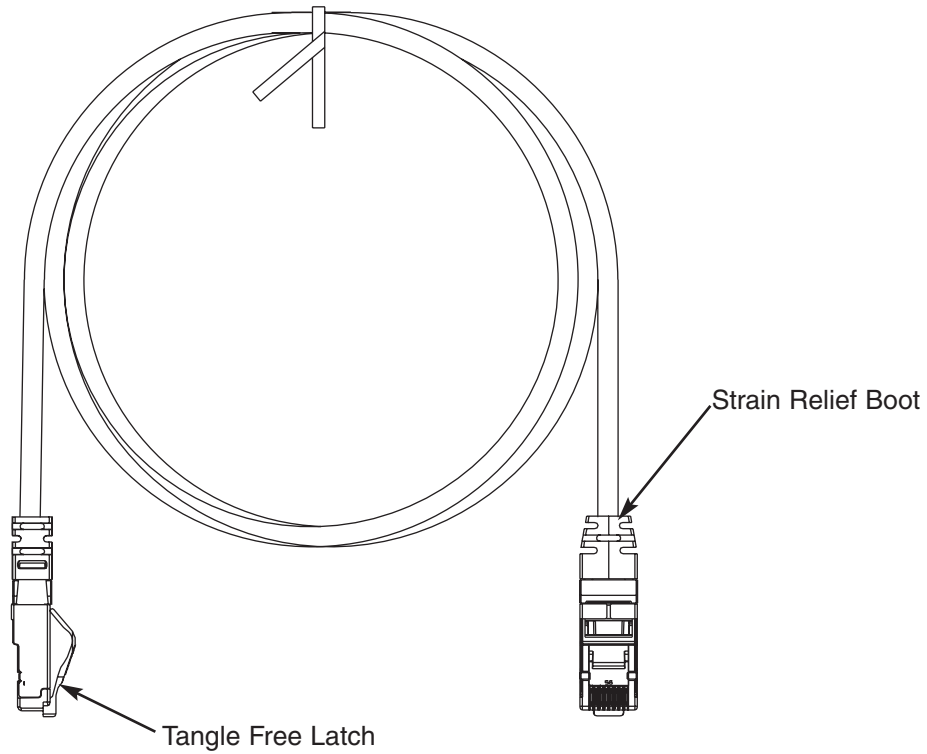|	
Patch cord removal tool:	PCRT1
Flashlight kit:	KPCRT-FL
Patch cord band:	PCBAND^-Q

*For lengths 3 to 20 feet (increments of 1 foot) 25, 30, 35 and 40 feet change the length designation in part number to the desired length. For standard cable colors other than IG (International Gray) add suffix BL (Black), BU (Blue), GR (Green), RD (Red), YL (Yellow), OR (Orange) or VL (Violet) before the Y at the end of the part number. For example, the part number for a blue 15-foot patch cord is UTP6X15BUY.

**To designate color, add suffix IW (Int'l White), EI (Electric Ivory), WH (White), IG (Int'l Gray), OR (Orange), RD (Red), BU (Blue), GR (Green), YL (Yellow), or VL (Violet), to end of part number.

***To designate color, add suffix BU (Blue), WH (White), IG (International Gray), or YL (Yellow).

^To designate color, add suffix WH (White), EI (Electric Ivory), IG (Int'l Gray), BL(Black), OR (Orange), RD (Red), BU (Blue), GR (Green), YL (Yellow), or VL (Violet) before -Q in part number.

TX6™ 10Gɪɢ™ UTP Patch Cords

Strain Relief Boot

Tangle Free Latch

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

For more information

Visit us at www.panduit.com

Contact Customer Service by email: cs@panduit.com
or by phone: 800-777-3300 and reference COSP41

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