

TX6A™ 10Gig F/UTP Shielded Patch Cords

specifications

Category 6A/Class E_A, F/UTP patch cords shall be constructed of 26 AWG shielded twisted pair stranded copper cable with an enhanced performance shielded modular plug at each end. Patch cord cable shall be offered in multiple colored F/UTP cable for design flexibility with a black strain relief boot on each modular plug. All patch cords shall be compatible with both T568A and T568B wiring schemes.



TX6A™ 10Gig Shielded Copper Cabling System

TX6A™ 10Gig Shielded Patch Cords*

Meter lengths: STP6C**

Tools and Accessories

Patch cord removal tool:	PCRT1
Flashlight kit:	KPCRT1-FL
Patch cord band:	PCBAND***-Q
Standard RJ45 plug lock-in device:	PSL-DCPLX^^
Recessed RJ45 plug lock-in device:	PSL-DCPLRX^^

**For lengths 0.5 to 10 meters (increments of 0.5 meter) and 1.5, 2.5, 15, 20, 25, 30, 35, 40 meters, change the length designation in the part number to the desired length. For standard cable colors other than IG (International Gray) substitute IG suffix with BL (Black), BU (Blue), GR (Green), RD (Red), YL (Yellow), OR (Orange), or VL (Violet) to the end of the part number. For example, the part number for a blue 15-meter patch cord is STP6C15MBU.

***To designate color, add suffix WH (White), EI (Electric Ivory), IG (International Gray), BL (Black), BU (Blue), RD (Red), YL (Yellow), GR (Green), OR (Orange), or VL (Violet) before the -Q in the part number. 25/package.

^^For colors other than Red, add -BL (Black), -BU (Blue), -GR (Green), -YL (Yellow), -OR (Orange), -IW (International White), or -IG (International Gray) to the end of the part number. 10/package. Add -C for bulk packages of 100.

Contact customer service for keyed connectivity, bulk packaged jack modules, and patch cords.

◇Lengths 1m to 15m or 6 inch to 49 feet are guaranteed to meet TIA and ISO component and channel requirements. Lengths greater than 15m or 49 feet are guaranteed to meet ISO component and both TIA and ISO channel requirements.

technical information

Category 6A/Class E_A channel performance:	Exceeds all ANSI/TIA-568.2-D Category 6A and ISO 11801 Class E _A standards for all frequencies up to 500 MHz ²
Cable diameter:	0.252 in. (6.3mm) nominal
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
Flame rating:	Meets IEC 60332-1, IEC 60754-1, IEC 61034-2
UL rated:	UL 1863 approved
RoHs compliance:	Compliant
PoE compliance:	Rated for 2500 cycles with IEEE 802.3af / 802.3at and 802.3bt type 3 and type 4
Flammability rating:	CM/LSZH dual rated

key features and benefits

100% performance tested for wire map, NEXT, and return loss	Confidence that each patch cord delivers specified component level performance
Centered de-embedded plug	Performs in center of ANSI/TIA-568.2-D component range, ensuring interoperability and optimum performance
Integral pair manager	Optimizes performance and consistency by reducing untwist at plug
Patented 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
Flexible stranded cable	Copper cable made of 0.25 inch F/UTP stranded 26 AWG allows for high density applications and superior panel cable management
Identification	Provides identification of performance level, length, and quality control number for future traceability
Robust construction	Rated to 2500 mating cycles
Color bands (optional)	Snap onto cable, allowing additional color-coding options
RJ45 plug lock-in device (optional)	Secures plug into jack to prevent unauthorized removal of patch cord

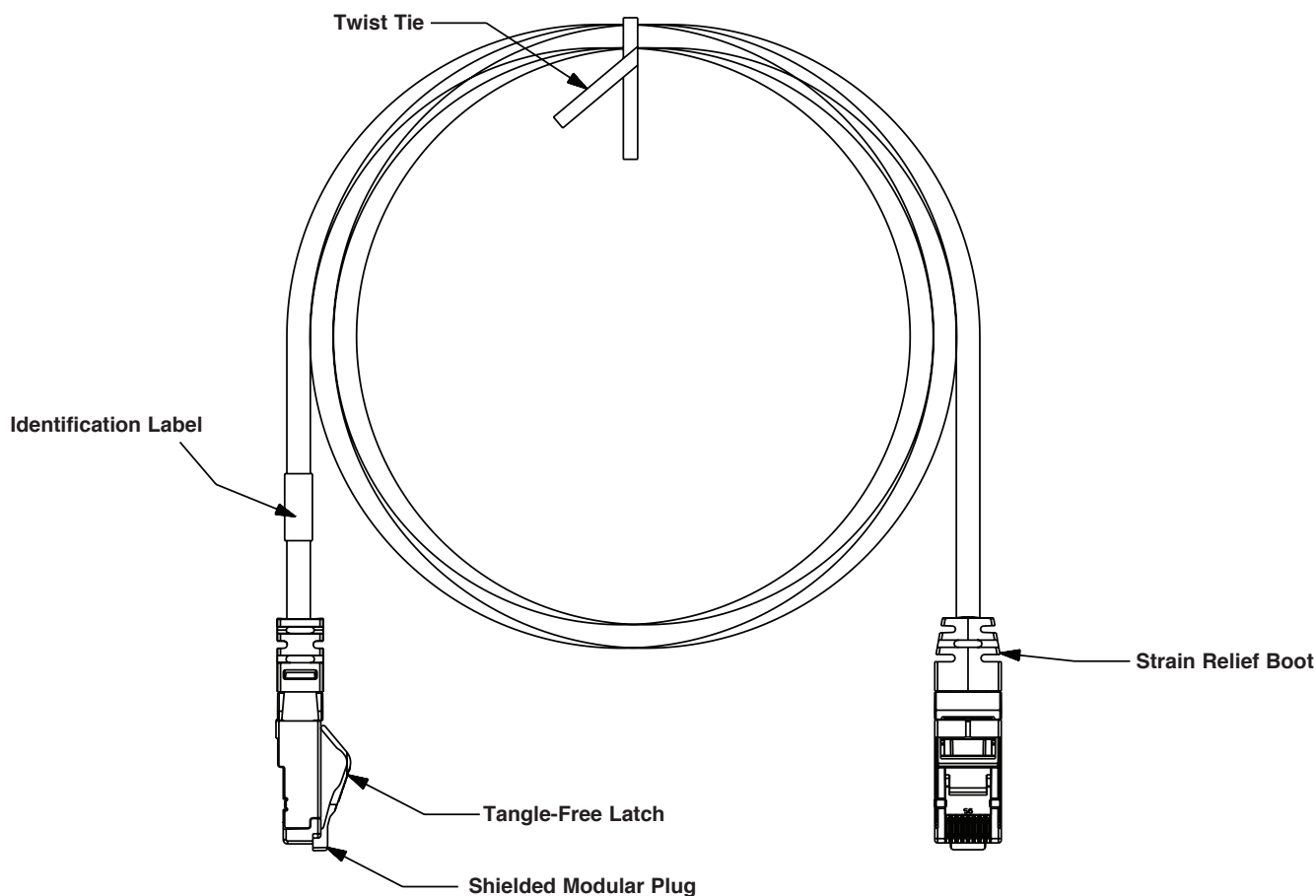
applications

TX6A™ 10Gig Shielded Patch Cords are a component of the Panduit TX6A™ 10Gig Shielded Copper Cabling System. This end-to-end system provides a cost-effective medium for ensuring that network bandwidth needs are easily met today and tomorrow. This shielded cabling system provides high performance, excellent EMI suppression, and aids in secure data transmission. The Panduit solution helps ensure organizations efficiently and reliably meet their data transmission needs. With certified performance to the ISO 11801 Class

E_A IEEE 802.3an-2006 and ANSI/TIA-568.2-D Category 6A standards, this system will support the following applications:

- Stacking switched and switch-to-switch links
- Aggregation of Gigabit Ethernet channels
- Streaming video
- Scientific modeling
- Storage area networks
- Real-time intensive financial transactions
- Animation
- Medical imaging

TX6A™ 10Gig F/UTP Shielded Patch Cords



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

WORLDWIDE SUBSIDIARIES AND SALES OFFICES

PANDUIT CANADA
Markham, Ontario
cs-cdn@panduit.com
Phone: 800.777.3300

PANDUIT EUROPE LTD.
London, UK
cs-emea@panduit.com
Phone: 44.20.8601.7200

PANDUIT SINGAPORE PTE. LTD.
Republic of Singapore
cs-ap@panduit.com
Phone: 65.6305.7575

PANDUIT JAPAN
Tokyo, Japan
cs-japan@panduit.com
Phone: 81.3.6863.6000

PANDUIT LATIN AMERICA
Guadalajara, Mexico
cs-la@panduit.com
Phone: 52.33.3777.6000

PANDUIT AUSTRALIA PTY. LTD.
Victoria, Australia
cs-aus@panduit.com
Phone: 61.3.9794.9020

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

For more information

Visit us at www.panduit.com

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

PANDUIT®

©2018 Panduit Corp.
ALL RIGHTS RESERVED.
COSP370--WW-ENG
12/2018