

TX5e™ Shielded Patch Cords

SPECIFICATIONS

Category 5e/Class D, F/UTP shielded patch cords shall be constructed of 26 AWG shielded twisted pair stranded copper cable with a shielded high performance modular plug at each end. Patch cord cable shall be available in gray in multiple lengths, and strain relief boots on the modular plugs shall be available in multiple colors for additional design flexibility. Patch cords shall be used in all work area outlets and modular patch panels. All patch cords shall be compatible with both T568A and T568B wiring schemes.



TECHNICAL INFORMATION

Category 5e/Class D channel and component performance:	Exceeds all ISO 11801 Class D and ANSI/TIA-568.2-D Category 5e standards for all frequencies from 1 to 100 MHz \diamond
Cable diameter:	0.205 in. (5.2mm) nominal
FCC and ANSI compliance:	Meets ANSI/TIA-1096-A (formerly FCC Part 68); contacts plated with 50 microinches of gold for superior performance
IEC compliance:	Meets IEC 60603-7
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 performance
Centered 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:	26 AWG stranded copper cable with a nominal diameter of 0.205 inch allows for high density installations and superior panel cable management
Variety of boot colors and cable lengths:	Meets individual length and color coding requirements for greater system flexibility
Robust construction:	Plug contact plated with 50 microinches of gold and rated to 2500 mating cycles

APPLICATIONS

TX5e Shielded Patch Cords are a component of the TX5500 Shielded Copper Cabling System. This end-to-end system provides 100 MHz. With certified performance to the ISO 11801 Class D and ANSI/TIA-568.2-D Category 5e standards, this system will support the following applications:

- Ethernet 10BASE-T, 100BASE-T (Fast Ethernet), 1000BASE-T (Gigabit Ethernet)
- 155 Mb/s ATM, 622 Mb/s ATM
- Token Ring 4/16
- Voice/data systems
- Voice over Internet Protocol (VoIP)

TX5e™ Shielded Patch Cords

Meter lengths: STPCH*MB[^]

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^{^^+}

*Meter lengths: 1 - 10 meters (every 1 meter)
0.5, 1.5, 2.5, 15, 20, 25, 30, 35,
or 40 meters

[^]Colors: BL (Black), BU (Blue), GR (Green), RD (Red) or YL (Yellow)

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

before

^{^^}Colors other than Red: -BL (Black), -BU (Blue), -YL (Yellow), -IW (Off White), -GR (Green)

+Add -C to indicate 100 pieces per bulk pack to reduce single-use plastic

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



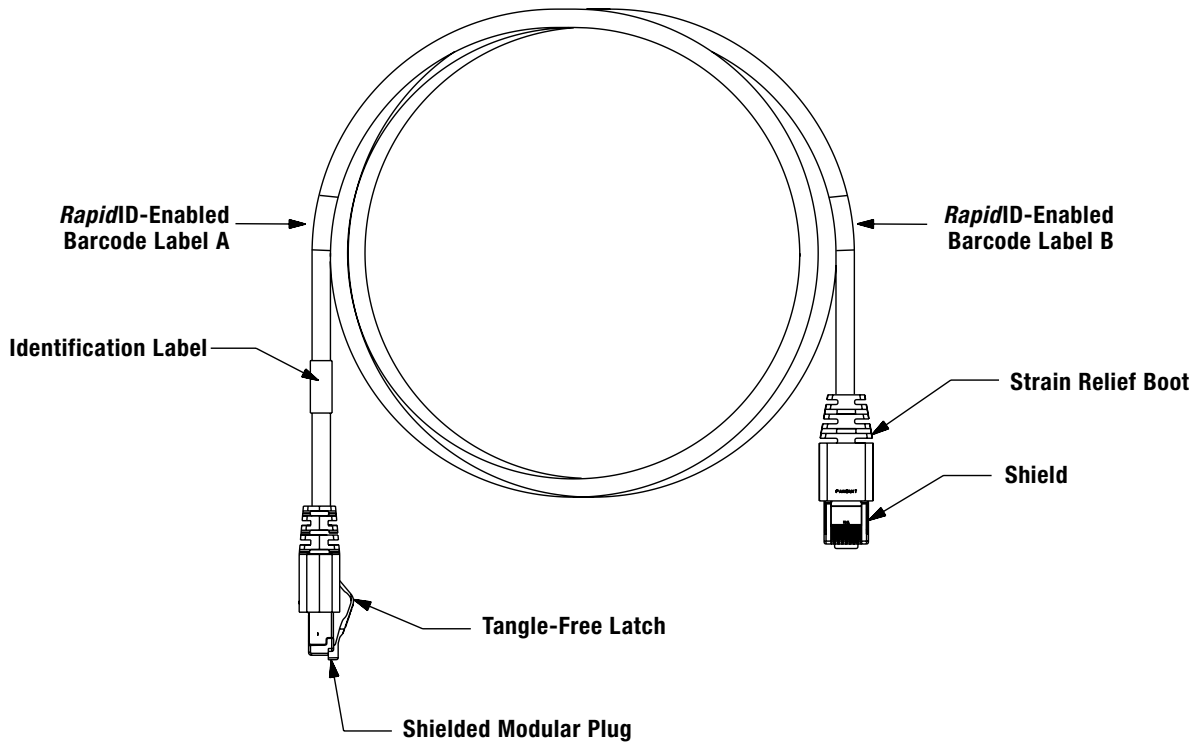
TX5e™ Shielded Patch Cords are pre-labeled with the RapidID™ Network Mapping System to enable faster tracing, placing, and network documentation. Learn more: www.panduit.com/rapid-id



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

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ENGINEERING DRAWING



T568A Wiring Scheme	
Plug Position	Cable Wire
1	White/Green
2	Green
3	White/Orange
4	Blue
5	White/Blue
6	Orange
7	White/Brown
8	Brown

Manufactured in Romania, Costa Rica and China.

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 COSP238-WW-ENG
 7/2024