TX6™ PLUS UTP Patch Cords

specifications

Category 6/Class E UTP patch cords shall be constructed of 24 AWG unshielded twisted pair stranded copper cable and 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.

technical information

Category 6/Class E channel and component performance:	Exceeds all TIA/EIA-568-B.2-1 Category 6 and ISO 11801 2nd Edition Class E standard requirements at swept frequencies up to 250 MHz
FCC compliance:	Meets FCC Part 68 Subpart F; contacts plated 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 will deliver the critical electrical performance requirements
Integral pair manager	Optimizes performance and consistency by reducing untwist at plug
Slender strain relief boot	Provides easy access in high-density applications
Patented tangle free latch	Prevents snags and provides easy release, saving time on frequent moves, adds, and changes
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
RJ45 plug lock-in device (optional)	Secures plug into jack to prevent unauthorized removal of patch cord

applications

TX6™ PLUS UTP Patch Cords are a component of the *PANDUIT® TX6500™* 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 TIA/EIA-568-B.2-1 Category 6 and ISO 11801 Class E standards, these systems are ideal for today's high performance workstation applications. The *TX6500™* and *TX6000™* Copper Cabling Systems will support the following applications:

- Ethernet 10BASE-T, 100BASE-T (Fast Ethernet), 1000BASE-T (Gigabit Ethernet), 10000BASE-T (10 Gigabit 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)

TX6500™ and TX6000™ Copper Cabling Systems

TX6™ PLUS UTP Patch Cords

3 feet:	UTPSP3*Y
5 feet:	UTPSP5*Y
7 feet:	UTPSP7*Y
10 feet:	UTPSP10*Y
14 feet:	UTPSP14*Y
20 feet:	UTPSP20*Y

TX6500™ UTP Copper Cable

Plenum:	PUP6504**-UY
Riser:	PUR6504**-UY

TX6000™ UTP Copper Cable

Plenum:	PUP6004**-UY
Riser:	PUR6004**-UY

MINI-COM® TX6™ PLUS Jack Module

Jack module:	CJ688TG***

DP6™ PLUS Angled Punchdown Patch Panels

24 port, 1 RU:	DPA24688TGY
48 port, 2 RU:	DPA48688TGY

DP6™ PLUS Flat Punchdown Patch Panels

12 port:	DP12688TGY
24 port, 1 RU:	DP24688TGY
48 port, 2 RU:	DP48688TGY

GP6™ PLUS Category 6 Punchdown System

See website (www.panduit.com) or catalog for complete system information

Tools and Accessories

Patch cord removal tool:	PCRT1
Flashlight kit:	KPCRT-FL
Patch cord band:	PCBAND^-Q
Standard RJ45 plug lock-in device:	PSL-DCPL^^
Recessed RJ45 plug lock-in device:	PSL-DCPLR^^

*For lengths 1 to 20 feet (increments of one foot) and 25, 30, 35, 40 feet, change the length designation in the part number to the desired length. For standard cable colors other than Off White, 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 UTPSP15BUY.
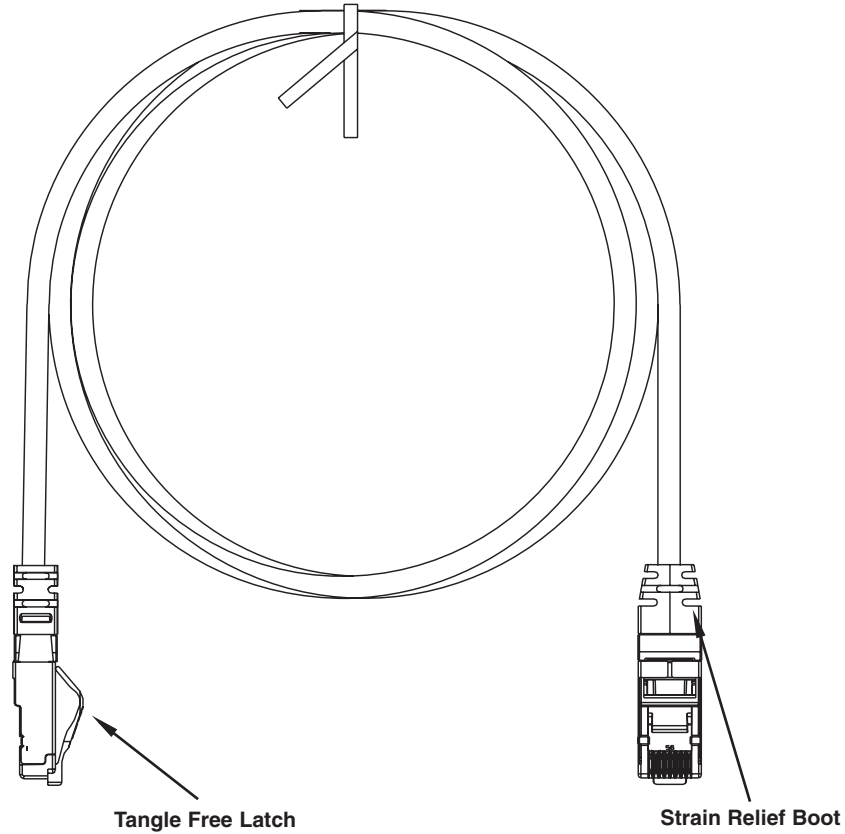
**To designate color, add suffix BU (Blue), WH (White), IG (Int'l Gray), or YL (Yellow).

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

^^For colors other than Red, add suffix -BL (Black), -BU (Blue), -YL (Yellow), -IW (Off White), -GR (Green) to end of part number.

Tangle Free Latch

Strain Relief Boot

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 COSP51

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