

TX6™ PLUS Patch Cords

specifications

Category 6/Class E UTP patch cords shall be constructed of 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 performance:	Exceeds all TIA/EIA-568-B.2-1 Category 6 and ISO 11801 2nd Edition Class E channel standard requirements at swept frequencies up to 250 MHz
Category 6/Class E component performance:	Exceeds all TIA/EIA-568-B.2-1 Category 6 and ISO 11801 2nd Edition Class E component standard requirements at swept frequencies up to 250 MHz
FCC compliance:	Meets FCC Part 68 Subpart F; contacts plated with 50 microinches of gold
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
Materials	Utilizes 24 AWG UTP stranded copper cable and RJ45 modular plugs for superior performance; plug contacts plated with 50 microinches of gold for superior performance
Labels	Provides identification of performance level, length and quality control number
Variety of colors and lengths available	Meets individual length and color coding requirements

applications

TX6™ PLUS Patch Cords are a component of the 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.

Usage of the TX6500™ and TX6000™ Copper Cabling Systems include:

- 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)

www.panduit.com

TX6500™ and TX6000™ Copper Cabling Systems

TX6™ PLUS Patch Cords

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

TX6500™ UTP Cable

Plenum:	PUP6504BU-U**
Riser:	PUR6504BU-U**

TX6000™ UTP Cable

Plenum:	PUP6004BU-U**
Riser:	PUR6004BU-U**

MINI-COM® TX6™ PLUS Jack Module

Module:	CJ688TG***
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DP6™ PLUS Flat Punchdown Patch Panels

12 port:	DP12688TG
24 port, 1 RU:	DP24688TG
48 port, 2 RU:	DP48688TG

DP6™ PLUS Angled Punchdown Patch Panels

24 port, 1 RU:	DPA24688TG
48 port, 2 RU:	DPA48688TG

GP™ PLUS Category 6 Punchdown System

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

Termination Tools

Jack module	
termination tool:	EGJT‡
Wire snipping tool:	CWST
Wire stripping tool:	CJAST
Panel punchdown tool:	PDT110

*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) to the end of the part number. Contact Customer Service for additional colors and lengths requiring minimum order quantities.

**For colors other than BU (Blue), substitute with WH (White), YL (Yellow) or IG (Int'l Gray). Contact Customer Service for additional colors requiring minimum order quantities.

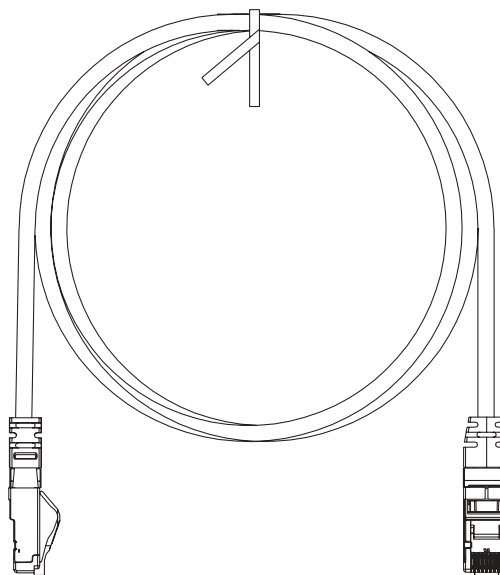
***To designate a color, add suffix IW (Off White), EI (Electric Ivory), IG (Int'l Gray), WH (White), BL (Black), OR (Orange), RD (Red), BU (Blue), GR (Green), YL (Yellow), AW (Arctic White), BR (Brown) or VL (Violet). Contact Customer Service for additional colors requiring minimum order quantities.

‡Terminates enhanced GIGA-TX™ Style Jack Module.

TX6™ PLUS Patch Cords

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Length (ft)	Off White	Blue
3	UTPSP3	UTPSP3BU
5	UTPSP5	UTPSP5BU
7	UTPSP7	UTPSP7BU
10	UTPSP10	UTPSP10BU
14	UTPSP14	UTPSP14BU
20	UTPSP20	UTPSP20BU



T568 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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