

specifications

Category 5e/Class D UTP patch cords shall be constructed of unshielded twisted pair stranded copper cable and a high 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 5e/Class D channel performance:	Exceeds all TIA/EIA-568-B.2 Category 5e and ISO 11801 2nd Edition Class D channel standard requirements at swept frequencies up to 100 MHz
Category 5e/Class D component performance:	Exceeds all TIA/EIA-568-B.2 Category 5e and ISO 11801 2nd Edition Class D component standard requirements at swept frequencies up to 100 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 delivers specified 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
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

applications

TX5e™ Patch Cords are a component of the TX5500™ Copper Cabling System. The PANDUIT TX5500™ Copper Cabling System provides end-to-end Gigabit Ethernet performance with usable bandwidth beyond 100 MHz. With certified performance to the TIA/EIA-568-B.2 Category 5e and ISO 11801 Class D 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)

TX5500™ Copper Cabling System

TX5e™ Patch Cords

3 feet:	UTPCH3*
5 feet:	UTPCH5*
7 feet:	UTPCH7*
10 feet:	UTPCH10*
14 feet:	UTPCH14*
20 feet:	UTPCH20*

DP5e™ Flat Punchdown Patch Panels

12 port:	DP125E88TG
24 port, 1 RU:	DP245E88TG
48 port, 2 RU:	DP485E88TG

DP5e™ Angled Punchdown Patch Panels

24 port, 1 RU:	DPA245E88TG
48 port, 2 RU:	DPA485E88TG

TX5500™ UTP Cable

Plenum:	PUP5504BU-U**
Riser:	PUR5504BU-U**
25-pair Riser	PUR5525IG-U

Mini-COM® TX5e™ Jack Module

Module:	CJ5E88TG***
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PAN-PUNCH™ 110 Category 5e 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.

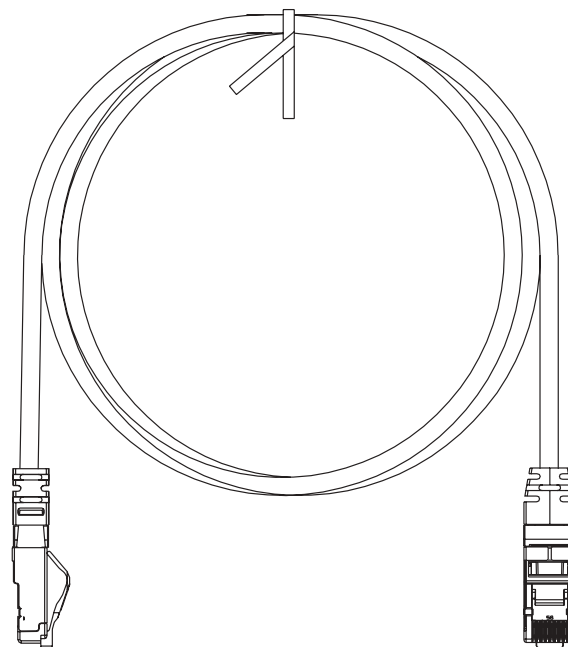
**For colors other than BU (Blue), substitute with WH (White), YL (Yellow) or IG (Int'l Gray). Contact Customer Service for additional colors requiring minimum order quantities.

***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 and lengths requiring minimum order quantities.

‡Terminates enhanced GIGA-TX™ Style Jack Module

TX5e™ Category 5e Patch Cords

Length (ft)	Off White	Blue
3	UTPCH3	UTPCH3BU
5	UTPCH5	UTPCH5BU
7	UTPCH7	UTPCH7BU
10	UTPCH10	UTPCH10BU
14	UTPCH14	UTPCH14BU
20	UTPCH20	UTPCH20BU



T568 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

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



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