

# TX5e™ UTP Patch Cords



## SPECIFICATION SHEET

### 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

<b>Category 5e/Class D channel and component performance</b>	Exceeds all TIA/EIA-568-B.2 Category 5e and ISO 11801 2nd Edition Class D standard requirements at swept frequencies up to 100 MHz
<b>FCC compliance:</b>	Meets FCC Part 68 Subpart F; contacts plated with 50 microinches of gold for superior performance
<b>IEC compliance:</b>	Meets IEC 60603-7
<b>UL rated:</b>	No. 1863

### key features and benefits

<b>100% performance tested</b>	Confidence that each patch cord delivers specified performance
<b>Integral pair manager</b>	Optimizes performance and consistency by reducing untwist at plug
<b>Patented tangle free latch</b>	Prevents snags and provides easy release, saving time on frequent moves, adds and changes
<b>Identification</b>	Provides identification of performance level, length, and quality control number for future traceability
<b>Variety of cable colors and lengths</b>	Meets individual length and color coding requirements for greater system flexibility
<b>Color bands (optional)</b>	Snap onto cable, allowing additional color coding options
<b>RJ45 plug lock-in device (optional)</b>	Secures plug into jack to prevent unauthorized removal of patch cord

### applications

TX5e™ UTP 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™ UTP Patch Cords

<b>3 feet:</b>	UTPCH3*Y
<b>5 feet:</b>	UTPCH5*Y
<b>7 feet:</b>	UTPCH7*Y
<b>10 feet:</b>	UTPCH10*Y
<b>14 feet:</b>	UTPCH14*Y
<b>20 feet:</b>	UTPCH20*Y

#### MINI-COM® TX5e™ Jack Module

<b>Jack module:</b>	CJ5E88TG**
---------------------	------------

#### TX5500™ UTP Copper Cable

<b>Plenum:</b>	PUP5504***-UY
<b>Riser:</b>	PUR5504***-UY

#### DP5e™ Angled Punchdown Patch Panels

<b>24 port, 1 RU:</b>	DPA245E88TGY
<b>48 port, 2 RU:</b>	DPA485E88TGY

#### DP5e™ Flat Punchdown Patch Panels

<b>12 port:</b>	DP125E88TGY
<b>24 port, 1 RU:</b>	DP245E88TGY
<b>48 port, 2 RU:</b>	DP485E88TGY

#### PAN-PUNCH® 110 Category 5e System

See website ([www.panduit.com](http://www.panduit.com)) or catalog for complete system information

#### Tools and Accessories

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

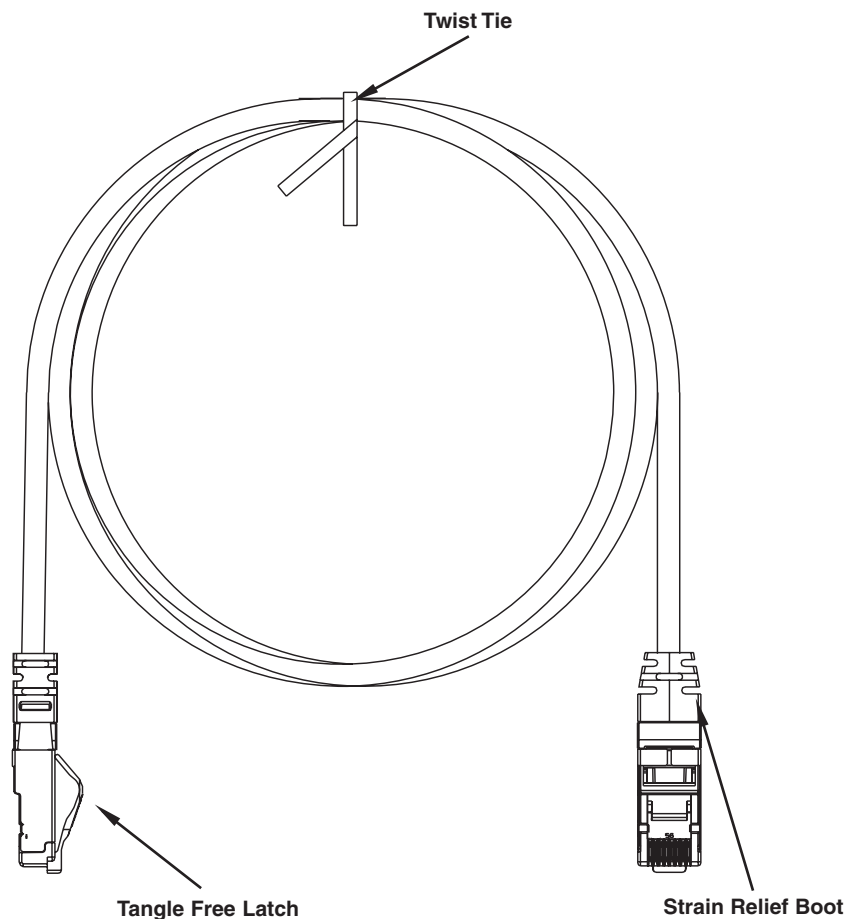
\*For lengths 1 to 20 feet (increments of one foot) and 25, 30, 35, 40 feet, change the length designation in the part number to the desired length. For standard cable colors other than Off White, add suffix BL (Black), BU (Blue), GR (Green), RD (Red), YL (Yellow), OR (Orange), or VL (Violet) before the Y at the end of the part number. For example, the part number for a blue 15-foot patch cord is UTPCH15BUY.

\*\*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 BU (Blue), WH (White), IG (Int'l Gray), or YL (Yellow).

^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.



**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

**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: 81.3.3767.7011

**PANDUIT LATIN AMERICA**  
Jalisco, Mexico  
cs-la@panduit.com  
Phone: 52.333.666.2501

**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](http://www.panduit.com/warranty)



For more information  
**Visit us at [www.panduit.com](http://www.panduit.com)**  
Contact Customer Service by email: [cs@panduit.com](mailto:cs@panduit.com)  
or by phone: 800-777-3300 and reference COSP50

© 2008 *PANDUIT* Corp.  
ALL RIGHTS RESERVED.  
**WW-COSP50**  
04/2008