

### specifications

Category 5e/Class D, 8-position keyed UTP jack modules shall terminate unshielded twisted 4-pair, 22-26 AWG, 100 ohm cable and shall not require the use of a punchdown tool. The jack module shall be mechanically keyed with color-specific positive and negative keying features to prevent unintentional mating with unlike keyed or non-keyed modular plugs. The forward motion termination method shall optimize performance by maintaining cable pair geometry and eliminating conductor untwist. The red termination cap shall be color coded for T568A and T568B wiring schemes.



### technical information

<b>Category 5e/ Class D channel and component performance:</b>	Certified channel performance in a 4-conductor configuration up to 100 meters and exceeds the requirements of ANSI/ TIA/EIA-568-B.2 Category 5e and ISO 11801 2nd Edition Class D standards
<b>FCC compliance:</b>	Meets ANSI/TIA-968-A; contacts plated with 50 microinches of gold for superior performance
<b>IEC compliance:</b>	Meets IEC 60603-7
<b>PoE compliance:</b>	Meets IEEE 802.3af and draft requirements of IEEE 802.3at for PoE Plus
<b>UL rated:</b>	No. 1863

### key features and benefits

<b>Color-specific keys with positive and negative keying features</b>	Mechanically and visually distinguish connections to prevent unintentional insertion into unlike keyed or non-keyed ports, all network design flexibility and versatility, and accommodate more discrete networks
<b>100% performance tested</b>	Confidence that each jack module will deliver the critical electrical performance requirements
<b>Utilizes enhanced Giga-TX™ Technology</b>	Wire cap optimizes performance by eliminating conductor untwist and reduces installation time and expense; simplifies termination and maintains conductor twists for reliable and consistent terminations
<b>True strain relief</b>	Controls cable bend radius for long term installed performance
<b>Modular</b>	Jack modules snap in and out of MINI-COM® Faceplates, Modular Patch Panels, and Surface Mount Boxes for easy moves, adds, and changes
<b>Individually serialized</b>	Marked with quality control number for future traceability
<b>Integrated block out feature</b>	Prevents standard RJ11 modular plugs from mating with keyed jack modules

### applications

The TX5e™ Keyed UTP Jack Modules are a component of the PANDUIT® TX5e™ UTP Copper Cabling System. Keyed connectivity enables a level of visual and mechanical differentiation, and physical layer security that conventional cabling systems cannot provide. Key applications include:

- 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™ Keyed UTP Copper Cabling System

#### MINI-COM® TX5e™ Keyed UTP Jack Modules

<b>Keyed A (black):</b>	CJK5E88TGBL
<b>Keyed B (red):</b>	CJK5E88TGRD
<b>Keyed C (green):</b>	CJK5E88TGGR
<b>Keyed D (yellow):</b>	CJK5E88TGYL
<b>Keyed E (orange):</b>	CJK5E88TGOR
<b>Keyed F (blue):</b>	CJK5E88TGBU

#### TX5e™ Keyed UTP Patch Cords

<b>Keyed A (black):</b>	UTPKCH*BL
<b>Keyed B (red):</b>	UTPKCH*RD
<b>Keyed C (green):</b>	UTPKCH*GR
<b>Keyed D (yellow):</b>	UTPKCH*YL
<b>Keyed E (orange):</b>	UTPKCH*OR
<b>Keyed F (blue):</b>	UTPKCH*BU

#### TX5500™ UTP Copper Cable

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

#### MINI-COM® Angled Flush Mount Modular Patch Panels

<b>24-port, 1RU:</b>	CPPA24FMWBLY
<b>48-port, 2RU:</b>	CPPA48FMWBLY

#### MINI-COM® Flat Flush Mount Modular Patch Panels

<b>24-port, 1RU:</b>	CPP24FMWBLY
<b>48-port, 2RU:</b>	CPP48FMWBLY
<b>72-port, 2RU:</b>	CPP72FMWBLY

For additional modular patch panels reference [www.panduit.com](http://www.panduit.com)

#### Tools and Accessories

<b>Termination tools:</b>	TGJT or EGJT
<b>Wire snipping tool:</b>	CWST
<b>Wire stripping tool:</b>	CJAST
<b>Clear dust cap:</b>	MDC-C

\*Substitute for length in feet: 3, 5, 7, 10 or 14 feet. Contact customer service for universal reference patch cords.

\*\*To designate color, add suffix BU (Blue), WH (White), YL (Yellow) or IG (International Gray). For additional cable colors, contact customer service.

## Reliability Tests

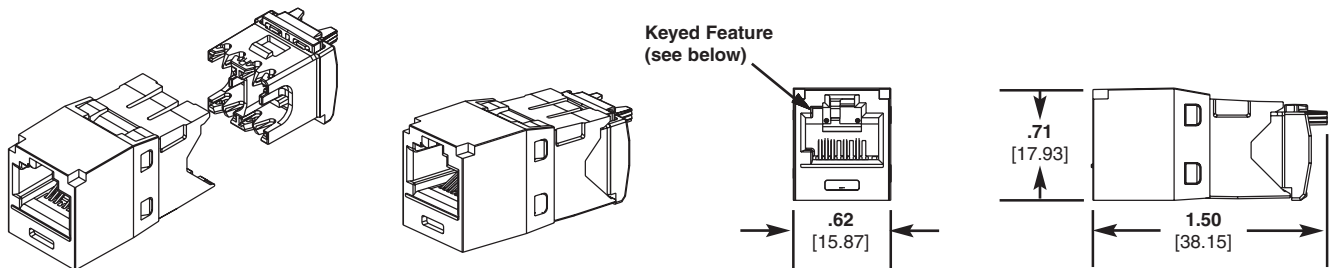
Mechanical Test	Test Method	Measurement	Typical Test Results
<b>Normal Force</b>	—	Load (grams)	> 100
<b>Vibration</b>	IEC 512-6d	Circuit Resistance (mOhms)	< 40
<b>Shock</b>	IEC 512-6c	Contact Disturbance (microsecond)	< 5
<b>Durability</b>	IEC 512-9a	Circuit Resistance (mOhms)	< 40
<b>Mating/Un-Mating</b>	IEC 512-13b	Mating Force (N)	< 20
		Un-Mating Force (N)	< 20
<b>Termination Cycles</b>	IEC 352	Number of Cycles	< 20

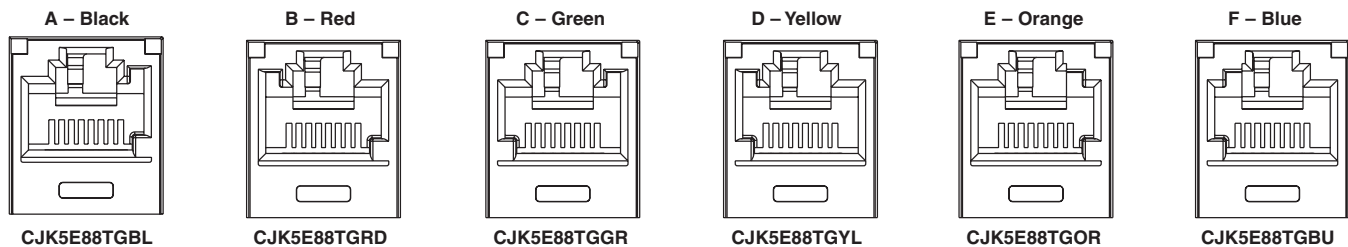
Electrical Test	Test Method	Measurement	Typical Test Results
<b>Low Level Circuit Resistance</b>	IEC 512-2a	Resistance (mOhms)	< 20
<b>Dielectric Withstand Voltage</b>	IEC 512-4a	1000 V, 1 minute	Passed
<b>Insulation Resistance</b>	IEC 512-3a	Resistance (MOhms)	> 500

Environmental	Test Method	Measurement	Typical Test Results
<b>Temperature Life</b>	IEC 512-9b	Circuit Resistance (mOhms)	< 40
<b>Humidity</b>	IEC 512-11c	Circuit Resistance (mOhms)	< 40
<b>Thermal Shock</b>	IEC 512-11d	Circuit Resistance (mOhms)	< 40
<b>Climatic Sequence</b>	IEC 512-11a	Circuit Resistance (mOhms)	< 40
<b>Flowing Mixed Gas Corrosion</b>	IEC 512-11g	Circuit Resistance (mOhms)	< 40



## UTP Jack Color/Key Code and Part Number



Dimensions are in inches. [Dimensions in brackets are metric].

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For a copy of **PANDUIT** product warranties, log on to [www.panduit.com/warranty](http://www.panduit.com/warranty)



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