MINI-COM® TX5e™ Keyed Shielded Jack Modules

specifications

Category 5e/Class D, 8-position keyed shielded jack modules shall terminate unshielded twisted 4-pair, 22 – 26 AWG, 100 ohm shielded twisted cable without 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 adapters. 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

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

key features and benefits

Color-specific keys with positive and negative keying features	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
100% performance tested	Confidence that each jack module will deliver the critical electrical performance requirements
Utilizes enhanced GIGA-TX™ Technology	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
True strain relief	Controls cable bend radius for long term installed performance
Modular	Jack modules snap in and out of MINI-COM® Faceplates, Modular Patch Panels, and Surface Mount Boxes for easy moves, adds, and changes
Individually serialized	Marked with quality control number for future traceability
Integrated block out feature	Prevents standard RJ11 modular plugs from mating with keyed jack modules

TX5e™ Keyed Shielded Copper Cabling System

MINI-COM® TX5e™ Keyed Shielded Jack Modules

Keyed A (black):	CJSK5E88TGBL
Keyed B (red):	CJSK5E88TGRD
Keyed C (green):	CJSK5E88TGGR
Keyed D (yellow):	CJSK5E88TGYL
Keyed E (orange):	CJSK5E88TGOR
Keyed F (blue):	CJSK5E88TGBU

TX5e™ Keyed Shielded Patch Cords

Keyed A (black):	STPKCH*BL
Keyed B (red):	STPKCH*RD
Keyed C (green):	STPKCH*GR
Keyed D (yellow):	STPKCH*YL
Keyed E (orange):	STPKCH*OR
Keyed F (blue):	STPKCH*BU

TX5500™ Shielded Copper Cable

LSZH:	PFL5504DG-E
PVC:	PFC5504LG-E

MINI-COM® Angled Flush Mount Modular Patch Panels

24-port, 1RU:	CPPA24FMWBLY
48-port, 2RU:	CPPA48FMWBLY

MINI-COM® Flat Flush Mount Modular Patch Panels

24-port, 1RU:	CPP24FMWBLY
48-port, 2RU:	CPP48FMWBLY
72-port, 2RU:	CPP72FMWBLY

For additional modular patch panels reference www.panduit.com

Tools and Accessories

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

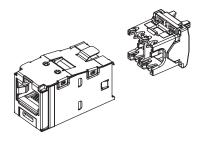*Substitute for length in feet: 3, 5, 7, 10 or 14 feet. Contact customer service for universal reference patch cords.

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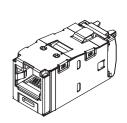
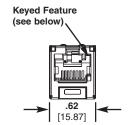The TX5e™ Keyed Shielded Jack Modules are a component of the PANDUIT® TX5e™ Shielded Copper Cabling System. Keyed connectivity enables a level of visual and mechanical differentiation, and physical layer security that conventional cabling systems cannot provide. Key applications include:

- Ethernet 10BASE-T, 100BASE-T (Fast Ethernet), 1000BASE-T (Gigabit Ethernet155 Mb/s ATM, 622 Mb/s ATM)
- Token Ring 4/16
- Voice/data systems
- Voice over Internet Protocol (VoIP)

Reliability Tests

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

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

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

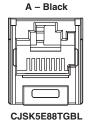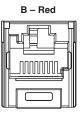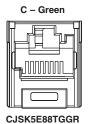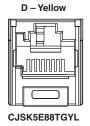Keyed Feature (see below)

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Shielded Jack Color/Key Code and Part Number

A – Black	B – Red	C – Green	D – Yellow	E – Orange	F – Blue
CJSK5E88TGBL	CJSK5E88TGRD	CJSK5E88TGGR	CJSK5E88TGYL	CJSK5E88TGOR	CJSK5E88TGBU

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

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

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 COSP152**

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