

specifications

Category 5e coupler modules with female to female RJ45 connection shall provide easy plug and play pass through connectivity of 6 or 8-position RJ45 patch cords. Coupler modules shall exceed Category 5e, Class D channel requirements. Coupler modules shall be available individually or factory installed in a 24-port flat patch panel. All coupler modules shall be compatible with T568A and T568B wiring schemes.



technical information

Category 5e/ Class D channel performance:	Exceeds TIA/EIA-568-B.2 Category 5e and all ISO 11801 2nd Edition Class D channel 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
Packaging:	Patch panel packaged with M6 and #12 – 24 mounting screws

key features and benefits

High performance	Ensures Category 5e performance with consistent data throughput
Tool-less design	Does not require use of termination tool for speed of installation
Populated patch panel (option)	Factory installed 24-port patch panel mounts to standard EIA 19" or 23" racks for greater system flexibility
Modular	Coupler modules snap in and out of all <i>MINI-COM</i> ® Faceplates and Modular Flat and Angled Patch Panels for fast moves, adds, and changes
Easily identified	Compatible with icons and a variety of component labels
Industry standard RJ45 interface	Provides quick and easy plug and play connection of RJ45 patch cords; backwards compatible

applications

MINI-COM® Category 5e Coupler Modules and Patch Panel are ideal for situations in which a modular, performance network must be installed. Individual coupler modules provide quick deployment when network equipment must be replaced. Coupler patch panel can also be utilized to set up temporary networks within a testing environment or during a planned system upgrade. *MINI-COM*® Coupler

Modules and Patch Panel provide quick plug and play connection of RJ45 patch cords for improved system flexibility. *MINI-COM*® Category 5e Coupler Modules and Patch Panel are part of the comprehensive *PANDUIT*® *TX5500*™ Copper Cabling System, providing end-to-end Gigabit Ethernet performance with usable bandwidth beyond 100 MHz.

MINI-COM® Category 5e Coupler Modules

Black:	CC5E88BL
Off white:	CC5E88IW

MINI-COM® Category 5e Coupler Patch Panel

24-port, 1 RU:	CP245E88BL
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TX5500™ Copper Cable

Plenum:	PUP5504*-UY
Riser:	PUR5504*-UY

TX5e™ Patch Cords

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

*To designate color, add suffix BU (Blue), WH (White), IG (International Gray) or YL (Yellow).

**For lengths 1' to 20' (increments of one foot) 20', 25', 30', 35' or 40' 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 Y at the end of the part number. For example, the part number for a blue 15' patch cord is UTPCH15BUY.

Note: *MINI-COM*® Coupler Modules are not compatible with *PANDUIT* surface mount boxes.

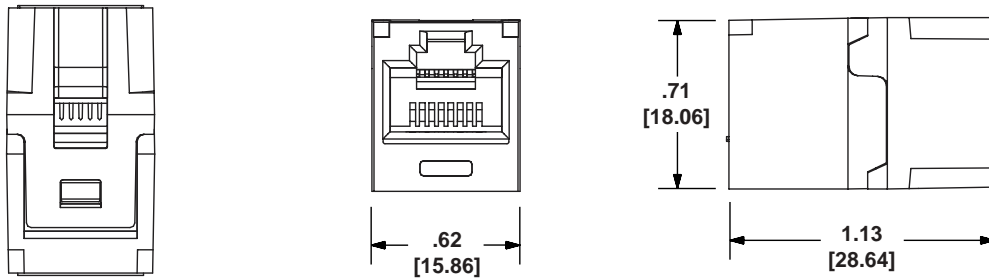
Test Results

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 (microseconds)	<5
Durability	IEC 512-9a	Circuit Resistance (mOhms)	<40
Mating/Un-Mating	IEC 512-13b	Mating Force (N)	<40
		Un-Mating Force (N)	<20

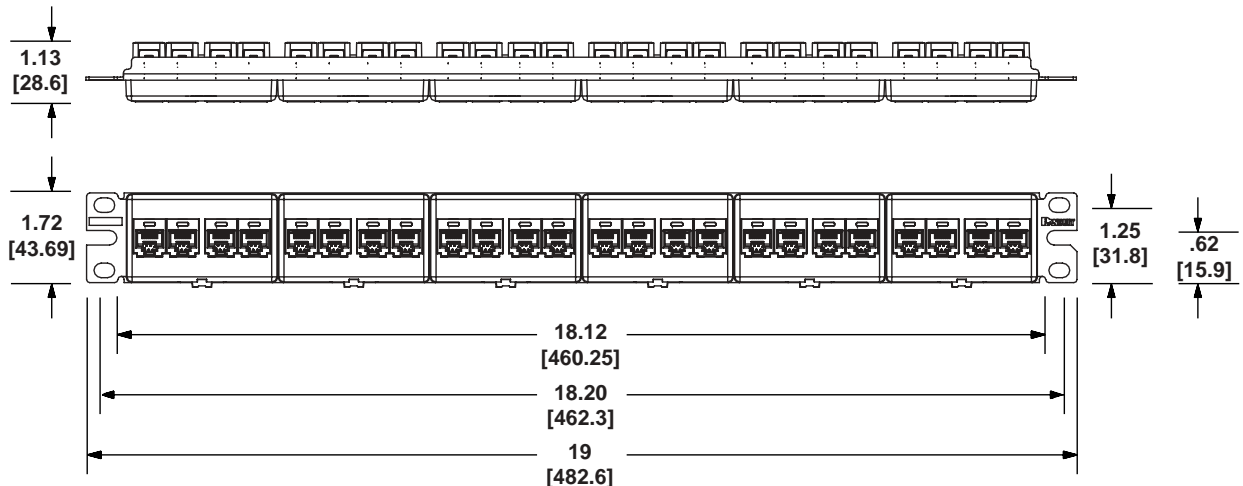
Electrical Test	Test Method	Measurement	Typical Test Results
Low Level Circuit Resistance	IEC 512-2a	Resistance (mOhms)	< 20
Dielectric Withstand Voltage	IEC 512-4a	1000 V, 1 minute	Passed
Insulation Resistance	IEC 512-3a	Resistance (mOhms)	>500

Environmental Test	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

Category 5e Coupler Module



Category 5e Patch Panel



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