

specifications

Category 5e/Class D, 24-port, pre-assembled female RJ45 to female RJ45 pass through coupler patch panel shall provide fast and easy plug and play connection of RJ45 patch cords. The coupler patch panel functions equivalently for T568A and T568B wiring configurations. No termination tool is required.



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

key features and benefits

High performance	Ensures 1 Gb/s performance with consistent data throughput
Does not require any termination tool	Provide fast and easy plug and play connection of RJ45 patch cords
Identification options	Can be labeled with <i>PANDUIT</i> component labels or <i>PANDUIT</i> icons
Mounting options	Mounts to standard EIA 19" or 23" racks (23" requires use of extender bracket)
Industry standard RJ45 interface	Familiar to end-users; backwards compatible

applications

Coupler Patch Panel is a component of the *TX5500*[™] Copper Cabling System providing end-to-end Gigabit Ethernet performance with usable bandwidth beyond 100 MHz. With certified performance to the ISO 11801 Class D and TIA/EIA-568-B.2 Category 5e 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)

Coupler Patch Panel

24-port: CP245E88BL

MINI-COM[®] Coupler Modules

Black: CC5E88BL

Off White: CC5E88IW

TX5e[™] Patch Cords*

3 feet: UTPCH3

5 feet: UTPCH5

7 feet: UTPCH7

10 feet: UTPCH10

14 feet: UTPCH14

20 feet: UTPCH20

*For colors other than IW (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 requiring minimum order quantities.

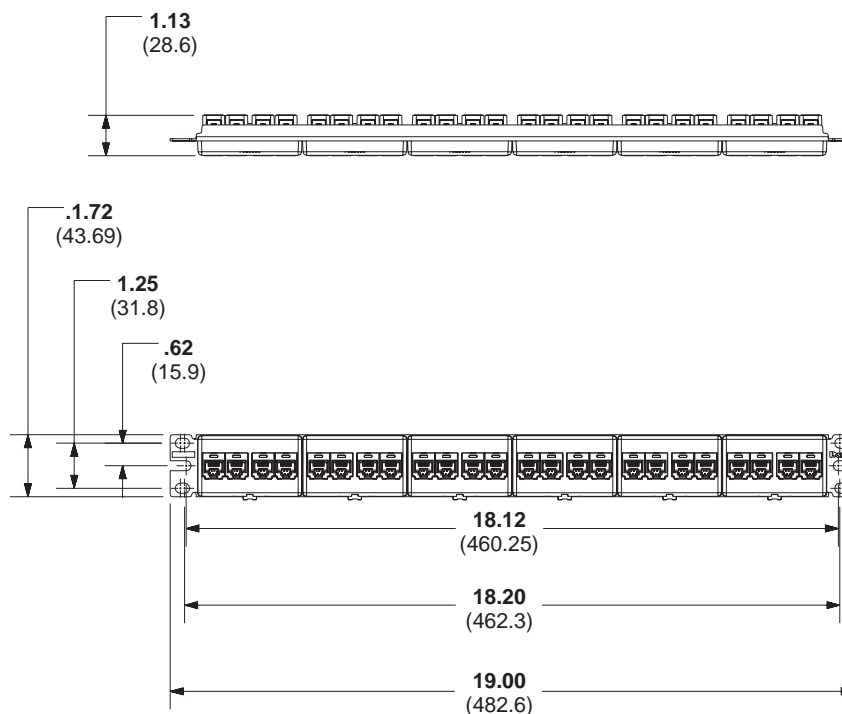
Coupler Patch Panel

Coupler Patch Panel 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)	<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



Dimensions are in inches (Dimensions in parentheses are metric)

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