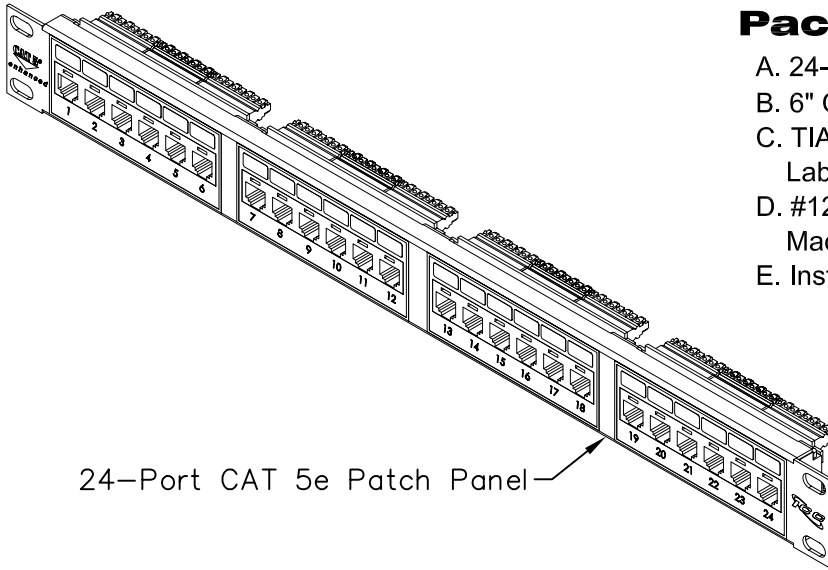


24-Port Category 5e Patch Panel

PRODUCT SPECIFICATION




24-Port CAT 5e Patch Panel

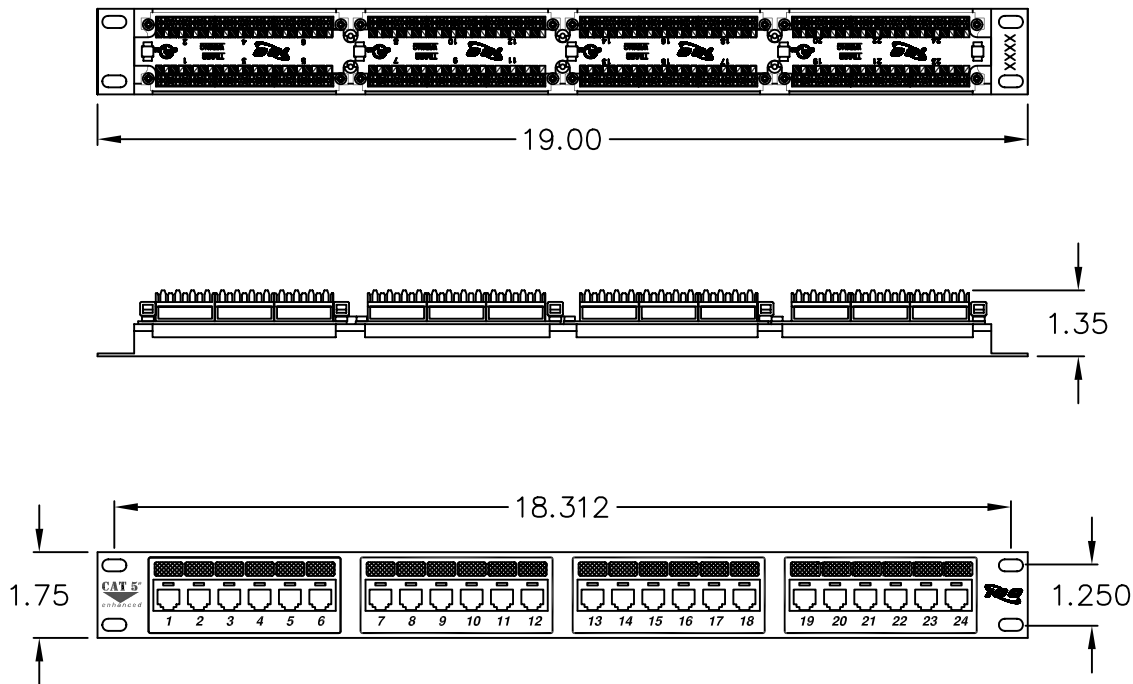
Package includes:

- A. 24-Port CAT 5e Patch Panel, 1 pc
- B. 6" Cable Tie, 5 pcs
- C. TIA-568A 1~24 Paper Port Identification Label, 1 pc
- D. #12-24 x 5/8" Pan Head, Pilot Point Machine Screw, 4 pcs
- E. Installation Instructions, 1 sheet

Features and Benefits:

- Rack mounted CAT 5e component rated patch panel provides excellent performance for data networks requiring maximum speed and bandwidth
- Enhanced crosstalk cancellation reduces return loss and improves performance by rejecting noise and unwanted signals
- Exceeds ANSI/TIA/EIA-568-B.2 Category 5e connecting hardware requirements
- Engineered to provide 110 IDC termination reducing installation time
- Includes both TIA-568A and TIA-568B color wiring diagrams
- Backwards compatible to all lower rated category components
- Designed to fit all standard 19" racks and cabinets
- 1 rack mount space (RMS)
- Used with ICPCS5 and ICPCS9 CAT 5e patch cords and ICACSPDT00 110 punch down tool
- Installation instructions #MSR-0268 included
- UL listed

PATCH PANEL, CAT 5E, 24-PORT, 1 RMS		 Premium Products Proven Performance Competitive Prices			
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NOTE: UNLESS OTHERWISE SPECIFIED

1. 24-PORT CAT 5E PATCH PANEL:

A. MATERIAL:

- 24-PORT PATCH PANEL: 16 GA CRS
- JACK HOUSING: ABS, UL 94V-0
- SPRING WIRE: SQUARE SPRING WIRE, TEMPERED PHOSPHOR BRONZE
- 110 CONNECTOR: COPPER ALLOY, 100 MICRO INCHES OF BRIGHT SOLDER
OVER 100 MICRO INCHES OF NICKEL UNDERPLATE
- GOLD RATING: 50 MICRO INCHES OF GOLD OVER 100 MICRO INCHES OF NICKEL

B. SURFACE FINISH: BLACK POWDER COAT

C. MECHANICAL:


- MATING FORCE: 100 GRAMS MIN/CONTACT
TEMPERATURE RANGE: -40°~150°F (-40°~66°C)
- PLUG RETENTION IN JACK: 30 LBS (133N) MIN

D. ELECTRICAL:

- CURRENT RATING: 1.5 AMP DC
- D.C. RESISTANCE: .1 OHM MAX
- CONTACT RESISTANCE: 5 MILOHMS

RJ-45	110 CONNECTOR	UNIVERSAL WIRING	
		T568B	T568A
5	1	WHITE/BLUE	WHITE/BLUE
4	2	BLUE	BLUE
1	3	WHITE/ORANGE	WHITE/GREEN
2	4	ORANGE	GREEN
3	5	WHITE/GREEN	WHITE/ORANGE
6	6	GREEN	ORANGE
7	7	WHITE/BROWN	WHITE/BROWN
8	8	BROWN	BROWN

CAT 5e CONNECTING HARDWARE REQUIREMENTS										
FREQUENCY (MHz)	1.0	4.0	8.0	10.0	16.0	20.0	25.0	31.25	62.5	100
NEXT LOSS (db)	65.0	65.0	64.9	63.0	58.9	57.0	55.0	53.1	47.1	43.0
FEXT LOSS (db)	75.1	63.1	57.0	55.1	51.0	49.1	47.1	45.2	39.2	35.1
RETURN LOSS (db)	35.0	35.0	35.0	35.0	35.0	34.0	32.0	30.1	24.1	20.0
INSERTION LOSS(db)	0.10	0.10	0.10	0.10	0.20	0.20	0.20	0.20	0.30	0.40

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