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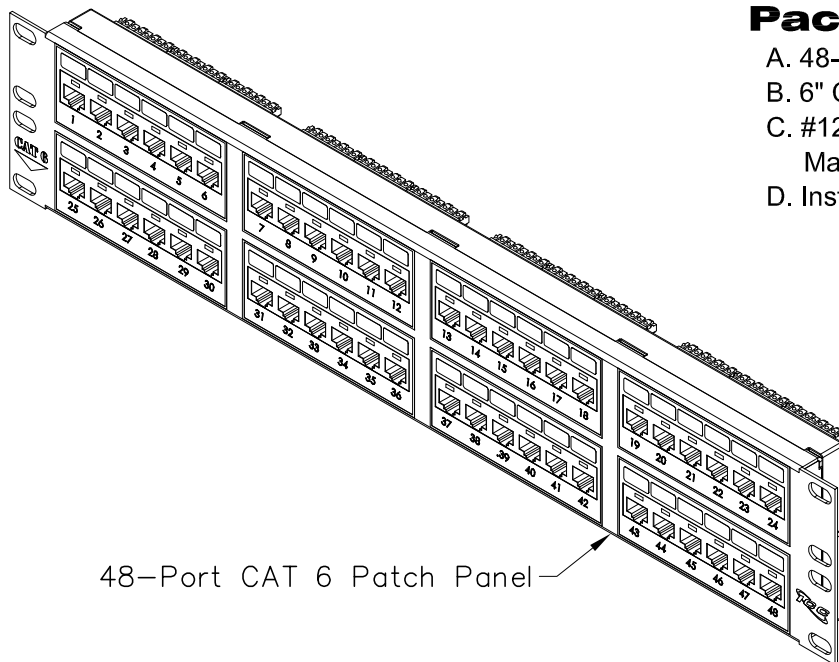
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## 48-Port Category 6 Patch Panel

### PRODUCT SPECIFICATION



48-Port CAT 6 Patch Panel

#### Package includes:

- A. 48-Port CAT 6 Patch Panel, 1 pc
- B. 6" Cable Tie, 10 pcs
- C. #12-24 x 5/8" Pan Head, Pilot Point Machine Screw, 4 pcs
- D. Installation Instructions, 1 sheet

#### Features and Benefits:

- Rack mounted CAT 6 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.2-1 Category 6 connecting hardware requirements.
- Engineered to provide 110 IDC termination reducing installation time.
- Includes an integrated TIA-568A/B color wiring diagram.
- Backwards compatible to all lower rated category components.
- Designed to fit all standard 19" racks and cabinets.
- 2 rack mount space (RMS).
- Used with ICPCS6 CAT 6 patch cords and ICACSPDT00 110 punch down tool.
- Installation instructions.
- UL listed.

#### PATCH PANEL, CAT 6, 48-PORT, 2 RMS

ITEM NO. ICMPP04860

REV. C

DWG NO. PSMPP04860

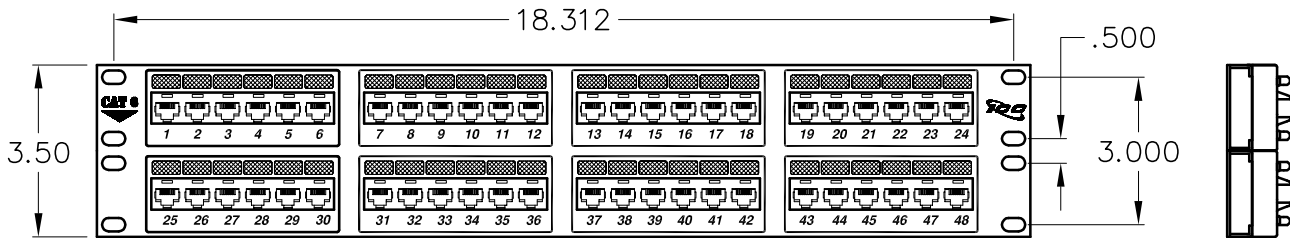
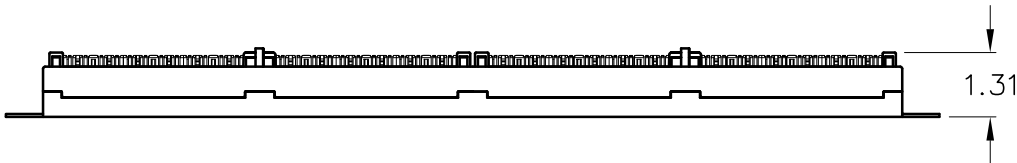
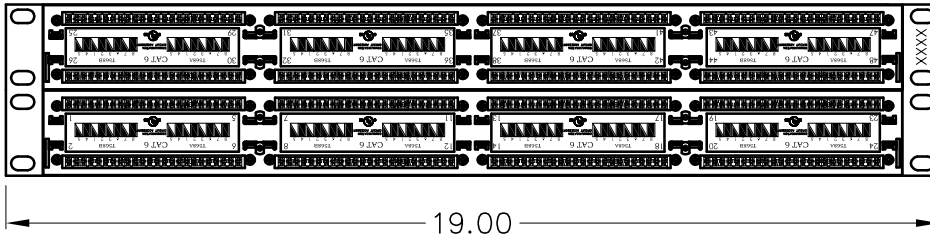
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**NOTE: UNLESS OTHERWISE SPECIFIED**

1. 48-PORT CAT 6 PATCH PANEL:

A. MATERIAL:

- 48-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
- 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

CATEGORY 6 CONNECTING HARDWARE REQUIREMENTS											
FREQUENCY (MHz)	1.0	4.0	8.0	10.0	16.0	20.0	25.0	31.25	62.5	100	250
NEXT LOSS (db)	75.0	75.0	75.0	74.0	69.9	68.0	66.0	64.1	58.1	54.0	46.0
FEXT LOSS (db)	75.0	71.1	65.0	63.1	59.0	57.1	55.1	53.2	47.2	43.1	35.1
RETURN LOSS (db)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	28.1	24.0	16.0
INSERTION LOSS(db)	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.11	0.16	0.20	0.32

<b>PATCH PANEL, CAT 6, 48-PORT, 2 RMS</b>		 Premium Products Proven Performance Competitive Prices	
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