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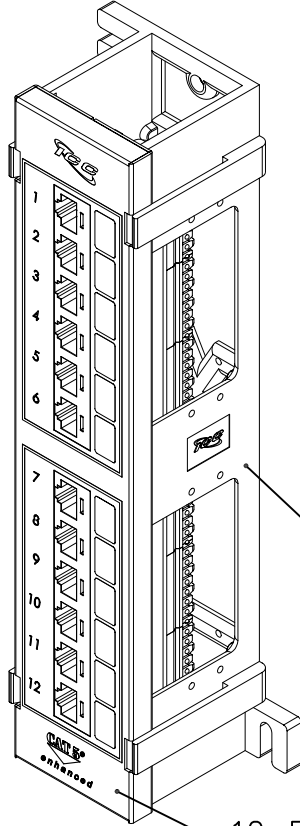


http://www.cablesplususa.com/

866-678-5852

12-Port Category 5e Vertical Patch Panel

PRODUCT SPECIFICATION



89U Universal Mounting Bracket


12-Port CAT 5e Vertical Patch Panel

Package includes:

- A. 12-Port CAT 5e Vertical Patch Panel, 1 pc
- B. 89U Universal Mounting Bracket, 1 pc
- D. 6" Cable Tie, 3 pcs
- E. TIA-568A 1~12 Paper Port Identification Label, 1 pc
- F. Installation Instructions, 1 sheet

Features and Benefits:

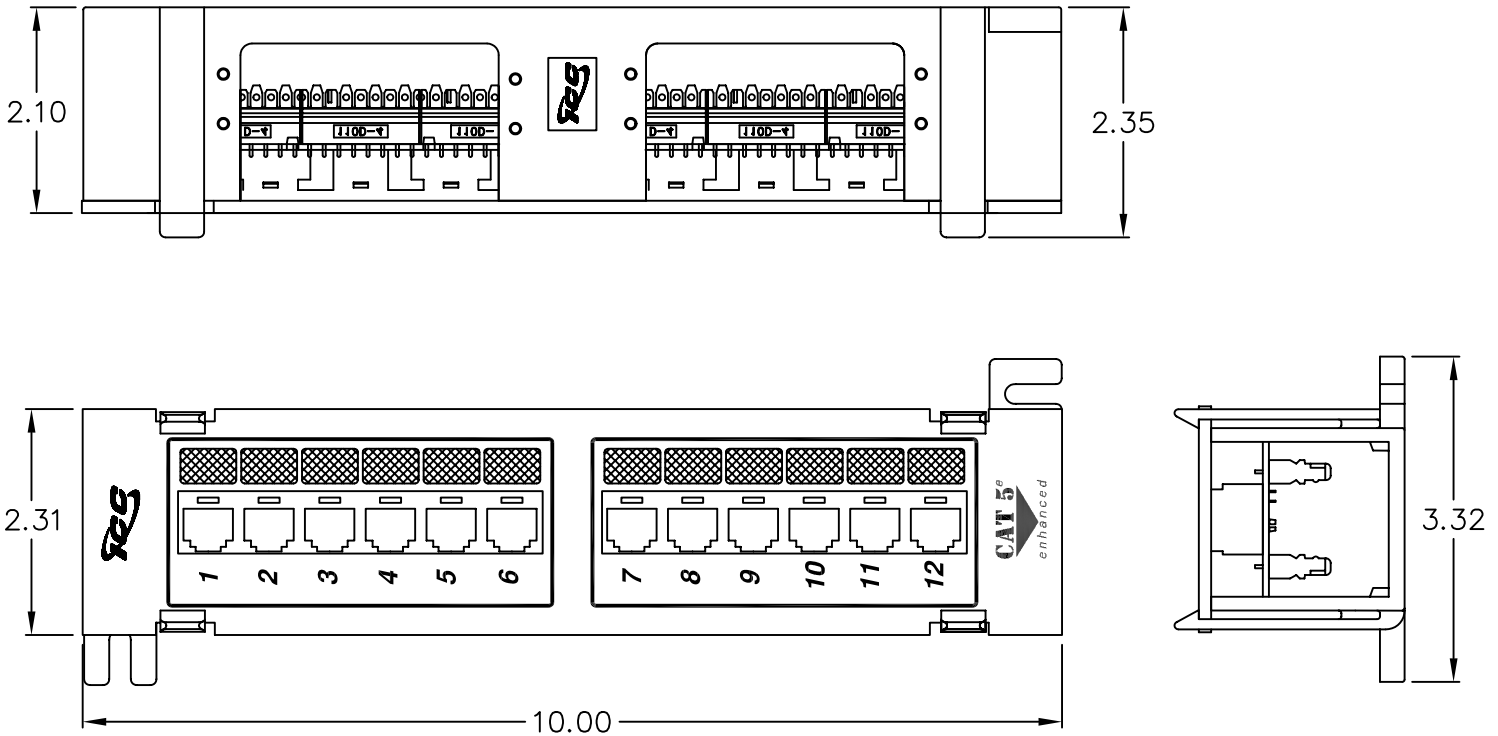
- Wall mounted CAT 5e component rated patch panel provides excellent performance for data networks requiring maximum speed and bandwidth
- Enhanced crosstalk cancellation reduces return loss and improves performance by rejecting noise and unwanted signals
- Exceeds ANSI/TIA/EIA-568-B.2 Category 5e connecting 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
- Used with ICPCS5 and ICPCS9 CAT 5e patch cords and ICACSPDT00 110 punch down tool
- Installation instructions #MSR-0267 included
- UL listed

PATCH PANEL, VERTICAL, CAT 5E, 12-PORT		 <i>PremiumProducts</i> <i>ProvenPerformance</i> <i>CompetitivePrices</i>	
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NOTE: UNLESS OTHERWISE SPECIFIED

1. 12-PORT CAT 5E VERTICAL PATCH PANEL:

A. MATERIAL:

- 12-PORT VERTICAL PATCH PANEL: ALUMINUM, 1.25" THICK
- 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

2. 89U UNIVERSAL MOUNTING BRACKET:

A. MATERIAL: ABS, UL 94V-2

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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