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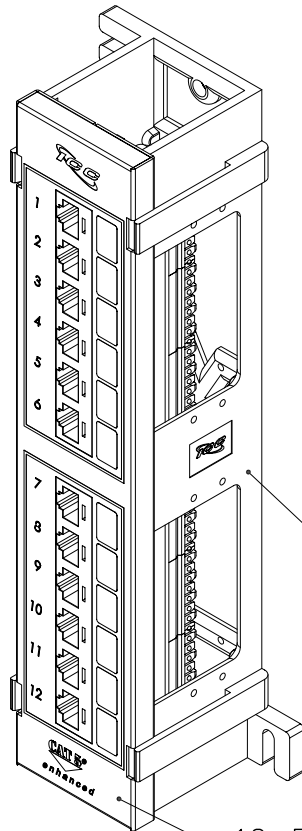
Package includes:
A. 12-Port CAT 5e Vertical Patch Panel, 1 pc
B. 89U Universal Mounting Bracket, 1 pc
D. 6" Cable Tie, 3 pcs
E. TIA-568A 1~12 Paper Port Identification
   Label, 1 pc
F. Installation Instructions, 1 sheet

89U Universal Mounting Bracket

12—Port CAT 5e Vertical Patch Panel

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
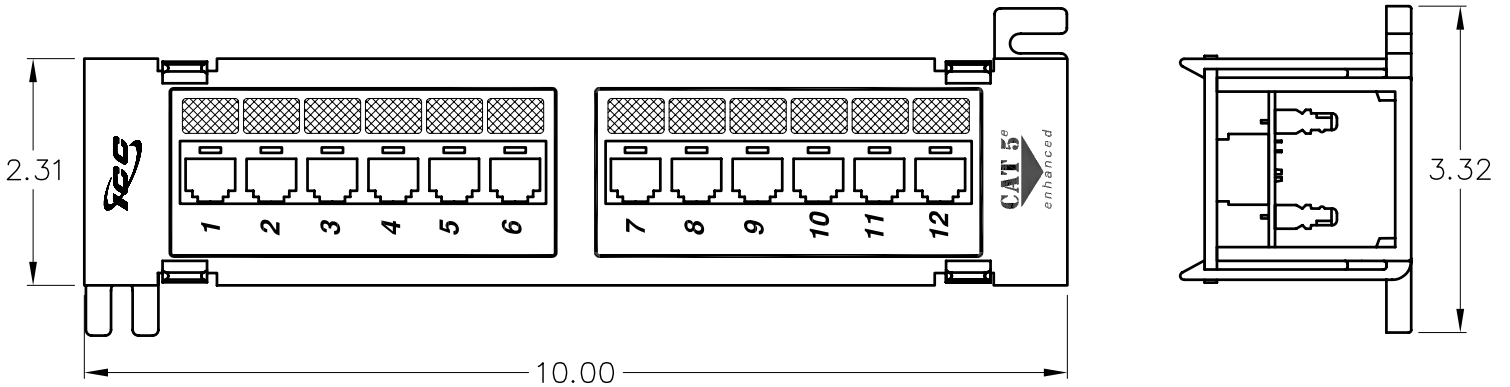- Installation instructions #MSR-0267 included
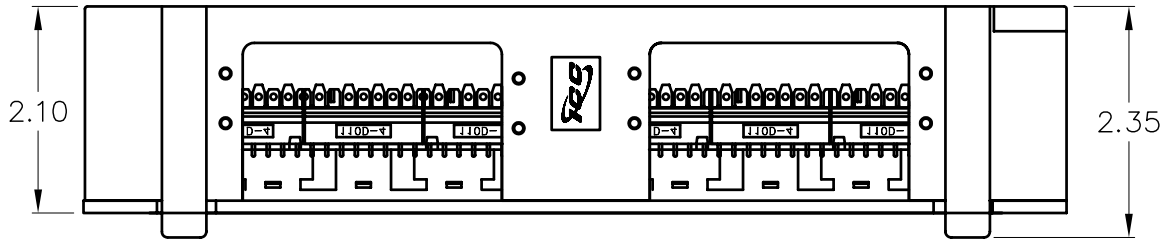- UL listed

PATCH PANEL, VERTICAL, CAT 5E, 12-PORT

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*Premium***Products**
*Proven***Performance**
*Competitive***Prices**

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 / 4	1 / 2	WHITE/BLUE BLUE	WHITE/BLUE BLUE
1 / 2	3 / 4	WHITE/ORANGE ORANGE	WHITE/GREEN GREEN
3 / 6	5 / 6	WHITE/GREEN GREEN	WHITE/ORANGE ORANGE
7 / 8	7 / 8	WHITE/BROWN BROWN	WHITE/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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PATCH PANEL, VERTICAL, CAT 5E, 12-PORT

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