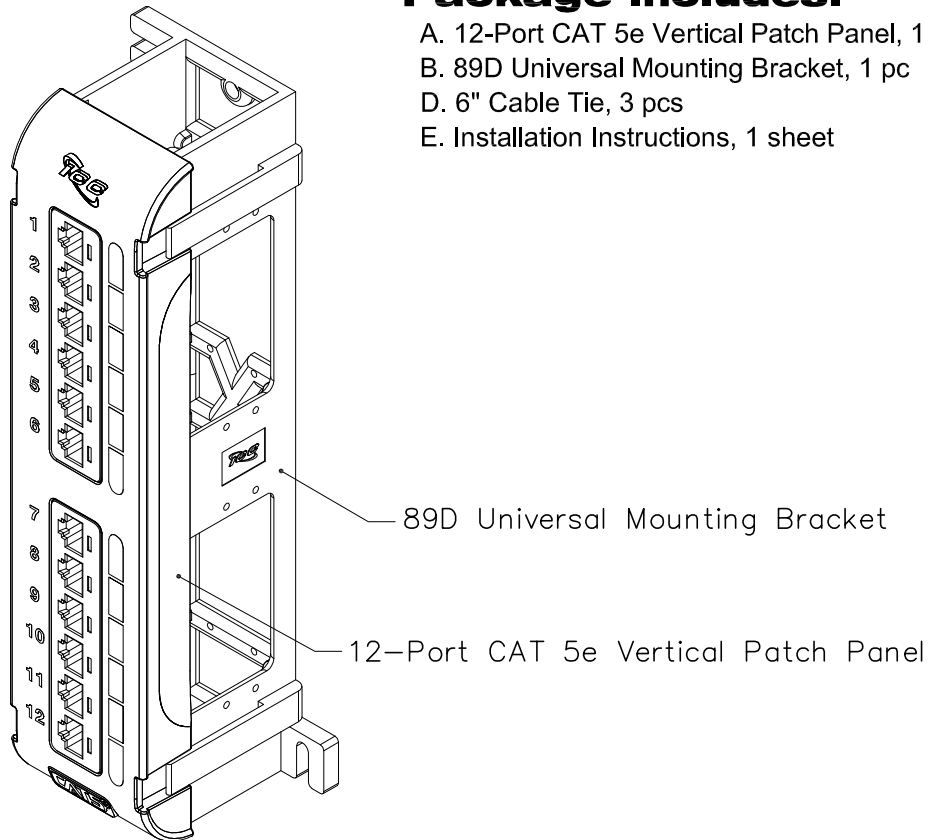


# 12-Port Category 5e Vertical Patch Panel

## PRODUCT SPECIFICATION

### Package includes:

- A. 12-Port CAT 5e Vertical Patch Panel, 1 pc
- B. 89D Universal Mounting Bracket, 1 pc
- D. 6" Cable Tie, 3 pcs
- E. 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 ICPCSJ CAT 5e patch cords and ICACSPDT00 110 punch down tool
- UL listed

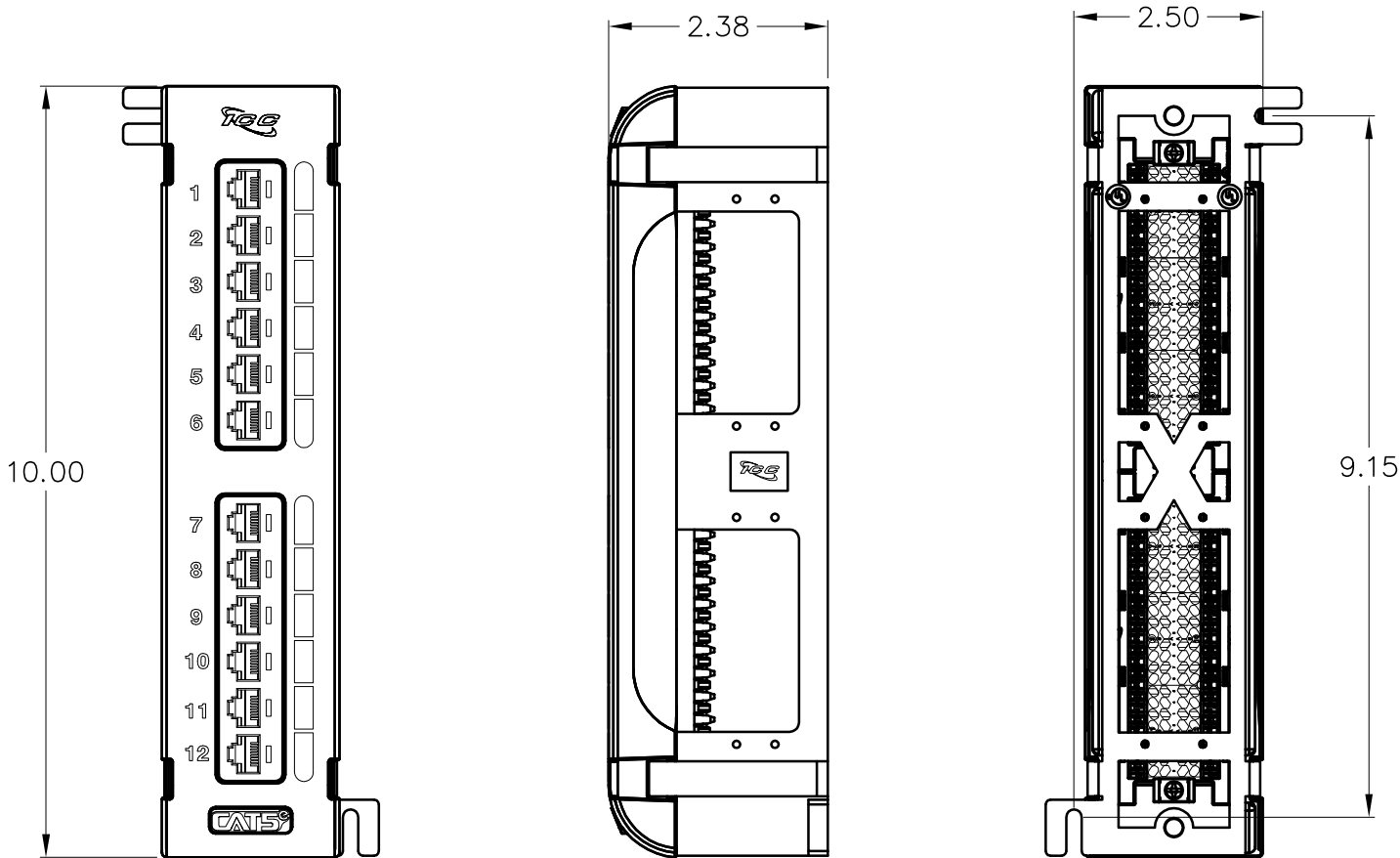
### PATCH PANEL, VERTICAL, CAT 5E, 12-PORT

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**NOTE: UNLESS OTHERWISE SPECIFIED**

1. 12-PORT CAT 5E PATCH PANEL:

A. MATERIAL:

- 12-PORT PATCH PANEL: ABS
- JACK HOUSING: HIGH IMPACT, FLAME RETARDANT PLASTIC, UL 94V-0
- SPRING WIRE: PHOSPHOR BRONZE
- 110 CONNECTOR: PHOSPHOR BRONZE ALLOY WITH 100 MICRO-INCH ALLOY
- 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°~70°C
- PLUG RETENTION IN JACK: 50N (11 LBS SQ)
- IDC WIRE GAUGE: 22~24 AWG

D. ELECTRICAL:

- CURRENT RATING: 1.5 AMP DC
- CONTACT RESISTANCE: 2.5 MILOHMS MAX

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



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