# 24-Port Category 5e Patch Panel
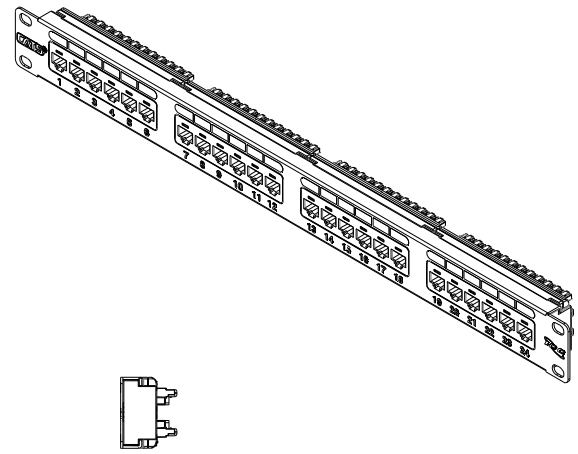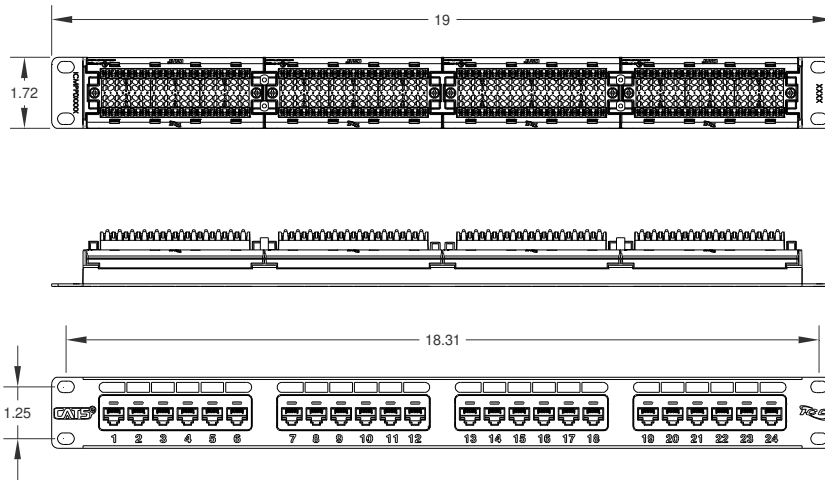
## Package Includes:

**A.** 24-Port CAT 5e Patch Panel, **1 Piece**

**B.** #12-24 x 5/8" Pan Head, Pilot Point Machine Screw, **4 Pieces**

**C.** 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-568-C requirements for permanent, channel link and component performances
- 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 ICPCSJ CAT 5e Patch cords, 4-Pair 110 punch down tool ICACSPDT4P, and ICACSPDT00 110 punch down tool
- UL 1863 compliant
- Country of Origin: Taiwan
- TAA Compliant

**I**    888-ASK-4ICC    icc.com    csr@icc.com    **I**

## NOTE: UNLESS OTHERWISE SPECIFIED

A. Material:

- 24-Port Patch Panel: 16 GA CRS

- 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

| T568A & T568B Wiring Standards | | |
|---|---|---|
| IDC Color Assignments | | |
| Jack Pin Number | T568B Wire Colors | T568A Wire Colors |
| 5 | White Blue | White/Blue |
| 4 | Blue | Blue |
| 1 | White/Orange | White/Green |
| 2 | Orange | Green |
| 3 | White/Green | White/Orange |
| 6 | Green | Orange |
| 7 | White/Brown | White/Brown |
| 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 |

C **UL** US FILE NO. 125268
LISTED

Part No: ICMPP0245E
Rev: H1
Page 2 of 2

**I**    888-ASK-4ICC    icc.com    csr@icc.com    **I**