



## Port Identifier Cat6 24-Port Patch Panel with LEDs, 1U

**LED Link Indicators, 19-inch Rackmount Panel, UTP, 180° Entry Punch-Down Blocks, for Solid Wire, Gold-plated Contacts, Black**

Part No.: **721080**

EAN-13: 0766623721080 | UPC: 766623721080

## Port Identifier 24-Port Cat6 UTP 1U Cat6 RJ45 Ethernet Patch Panel with LEDs - See Your Trace Status at a Glance

This rack-mount patch panel from Intellinet Network Solutions combines solid and reliable terminations with convenient status indicators. The built-in LEDs illuminate when connected to the Intellinet LED Port Identifier Tool allowing you to quickly identify the connected port. IEC 60297 / EIA 310-compliant and compatible with all standard 19 in. / 482.6 mm racks, our patch panel is designed to seamlessly integrate into your existing network setup.

## High-Quality Construction with UL 94 V-0 Flame Retardant Rating

Crafted with quality materials, this panel features 50 micro-inch gold-plated contacts, supporting 23 to 26 AWG solid wire. The SPCC steel bracket with antistatic powder coating ensure durability and reliability. It is ideal for advanced applications like HDBaseT and PoE up to IEEE802.3bt / PoE++ / 4PPoE / Ultra PoE. Enhancing safety measures, it has a flame-retardant rating in accordance with UL 94 V-0 standards, providing an extra layer of protection against fire hazards.

## Intellinet Port Identifier System

Experience the comprehensive LED Port Identification System by Intellinet, meticulously designed to streamline your networking endeavors. This system comprises of an LED port identifier tool alongside two variants of LED-equipped keystone jacks and this fully pre-loaded 24 Port Cat6 patch panel featuring

For more information on Intellinet products, consult your local dealer or visit [www.intellinet-network.com](http://www.intellinet-network.com).

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intuitive LED indicators. Elevate your networking infrastructure with precision and efficiency.

## Features:

- Solid and reliable terminations with numbered and labeled RJ45 ports for copper cable
- LED indicator allows identification of ports when used with the Intellinet LED Port Identifier tool (SKU 780179 ICT-LED)
- Compatible with 110 punch-down tools
- 50 micro-inch gold-plated contacts
- Supports 23 to 26 AWG solid wire
- IEC 60297 / EIA 310-compliant; compatible with all standard 19 in. / 482.6 mm racks
- Ideal for HDBaseT and PoE applications up to IEEE802.3bt / PoE++ / 4PPoE / Ultra PoE
- For use with unshielded twisted pair (UTP) Cat6 network cable
- Sturdy, high-quality, cold-rolled SPCC steel construction with antistatic powder coating
- Standard 8P8C design, compatible with all network RJ45 connections
- Compatible and color-coded with T568A and T568B
- UL listed
- Three-year warranty

## Specifications:

### Standards and Certifications

- CE
- RoHS
- ISO/IEC 11801
- IEC 60603-7-41
- Cat6 (ANSI/TIA-568-D)
- UL
- REACH
- UKCA

### General

- Supports transfer speeds up to 10 Gbps over distances up to 180 ft. (55 m)
- Max. operating frequency: 250 MHz
- Supports all PoE standards up to IEEE802.3bt / PoE++ / 4PPoE / Ultra PoE
- Mating cycles:  $\geq 750$
- Termination cycles:  $\geq 200$
- Retention strength: 11 lbf.

### LED indicator status

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- Red: Connection is patched/uplinked to a switch
- Green: Connection is cabled correctly
- Off: Failure in cable termination

#### Material

- Frame: steel
- Contacts: phosphor bronze
- Contact plating: 50 micro-inch gold
- IDC: phosphor bronze with tin plating
- Flammability tested and rated in accordance with UL 94 V-0

#### Electrical

- Insulation resistance:  $\geq 500$  MOhm
- Dielectric withstanding voltage: 1,000 V DC/750 V AC
- Contact resistance:  $\leq 20$  MOhm
- DC resistance:  $\geq 0.3$  Ohm
- Current rating: 1.5 A

#### Physical

- Dimensions (L x W x H): 1.32 x 19 x 1.72 in. (34 x 482.6 x 43.7 mm)
- Net weight: 1.41 lbs. (640 g)
- Gross weight: 1.63 lbs. (740 g)

#### Environmental

- Operating temperature: 14 - 140°F (-10 - 60°C)
- Storage temperature: -40 - 158°F (-40 - 70°C)
- Operating humidity (non-condensing): 10 - 90% RH

#### Package Contents

- Cat6 24-Port Patch Panel with LEDs, 1U
- Cage nut set (2 x cage nut, 2 x M6 screw, 2 x plastic washer)
- Instructions

**Note:** This product requires the LED Port Detector Tool from Intellinet Network Solutions (#780179)





### Easily identify network connections

Plug the tool into one end of your connection, and illuminate the port at the other end

Green  
Port is connected

Red  
Port is connected to an active network device

Off  
Port is not connected

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