

# 24 Port CAT6 Unshielded Patch Panel

This patch panel is made from high-quality cold-rolled steel and features electrostatic spraying. It utilizes a PCB optimization compensation scheme to provide a higher margin index.



## Overview

### High-Density Networking Solution

This 24-port CAT6 unshielded patch panel is engineered for high-performance networking environments such as data centers and server rooms. It supports Gigabit Ethernet speeds and features clear port numbering to simplify cable management and identification. Constructed with high-quality cold-rolled metal, it provides a durable and reliable connection point for professional network infrastructures.

## Performance Metrics

### Key Performance Metrics

**24 Ports**

Port Density

**750 Times**

Plug Life Cycles

**1.5 A**

Rated Current

## Material Specifications

### Construction Materials

Component	Material / Coating
Metal Plate	High quality cold rolled plate
PIN Needle	Phosphor bronze, nickel plated (60%)tinned (120%)
Contact Area	50%Gold-plated
IDC Clamping Part	Phosphor bronze, nickel plating (100%)tinned (200%)
Plastic Part	UL94V-0 compliant

## Electrical Parameters

Insulation Resistance	500 m $\Omega$
Pressure Resistance	1000VAC
DC Resistance	0.1 $\Omega$
Contact Resistance	20 m $\Omega$

## Physical Parameters

Compatible Wiring	22 to 26 AWG Solid conductor
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## Environmental Conditions

Operating Temperature	-10°C to 60°C
Storage Temperature	-40°C to 68°C
Relative Humidity	10% ~ 90%

## Compliance

Standards & Compliance	CAT6, UL94V-0, Unshielded
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