

24 Port CAT5e Unshielded Patch Panel

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



Overview

High-Density Network Management

This 24-port CAT5e unshielded patch panel is engineered for efficient termination and management of network cables in structured cabling systems. Designed for standard 19-inch racks, it supports high-speed data transmission up to Gigabit Ethernet, making it ideal for data centers and server rooms. The robust metal construction and gold-plated contact points ensure long-lasting performance and reliable connectivity in high-density environments.

Key Features

Port Density

24 Ports

Total Ports

Core Characteristics

- Standard 19-inch rack compatible
- Clear port numbering for easy identification
- High-quality cold rolled metal plate
- Unshielded design for standard EMI environments

Material Specifications

Contact Plating Details

Component	Base Material	Plating Layers
PIN/Needle	Phosphor Bronze	Nickel (60%) Tin (120%) Gold (50%)
IDC Clamping Part	Phosphor Bronze	Nickel (100%) Tin (200%)
Front Plate	Cold Rolled Steel	High quality finish

Safety Standards

UL94V-0

Physical Parameters

Compatible Wiring	22 to 26 AWG Solid conductor
Plug Life Cycle	750 Times

Electrical Parameters

Electrical Performance

Parameter	Value
Insulation Resistance	500m Ω
Pressure Resistance	1000VAC
DC Current	1.5 Amps
DC Resistance	0.1 Ω
Contact Resistance	20m Ω

Environmental Conditions

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