

Overview

The **Solitine Cat6 24 Port Patch Panel** is a high-performance, fully metal-designed patch panel engineered for clean structural network organization in standard 19-inch rack enclosures. Operating at up to a 150MHz frequency, this 1U high panel ensures optimal headroom and minimized cross-talk for seamless Gigabit Ethernet data or telecom transmission. It features premium Krone IDC terminations built for extensive re-termination cycles and features gold-over-nickel plated contact pins to keep network packet loss at bay.



Key Features

- **Form Factor:** Standard 19" wide rack-mountable footprint occupying 1U of rack space.
- **Superior Connectivity:** Gold over Nickel-plated RJ45 jacket contacts for optimal signal margins.
- **Dual Wiring Schemes:** Color-coded rear Krone IDC blocks supporting both T568A and T568B structural wiring layouts.
- **Robust Re-termination:** High-durability KATT (2a tool type) rear IDC connection blocks supporting wire sizes from 22 to 26 AWG solid cables.
- **Organized Layout:** Distinct numeric port labeling overlaid across a sleek black semi-gloss powder coat finish.
- **Versatility:** Ideal for modern high-speed enterprise Data, Telco, and Multimedia network designs.

Technical Specifications

Parameter	Specification Details
Brand	Solitine
Model / Part Number	SOL-P2401-10
Port Count	24 Ports (Fully Loaded)
Category Class	Category 6 (UTP)
Physical Dimensions	19-Inch Wide x 1U (1.75" / 44.45mm) High
Frequency Support	Up to 150 MHz
Contact Plating	Gold over Nickel
Termination Type	Rear Krone IDC (KATT Type)
Supported Wire Gauge	22 – 26 AWG Solid Wire
Finish	Black Semi-Gloss Powder Coat

Compliant Standards

- ANSI/TIA-568A/B Compliant
- ISO/IEC 11801 & EN50173 Category 5e/6 Compliant
- Exceeds basic cross-talk (NEXT) and attenuation thresholds for improved signal boundaries.

Ordering Information

Part Number	Description	Color	Pack Qty
SOL-P2401-10	Solitine 24-Port 1U Patch Panel Cat6 Fully Loaded (Cat6 Keystones Sold Separately)	Black	1 Unit / Box