Category 6A Modular Shielded Patch Panel

Category 6A Shielded 24 Ports Patch Panel

The Infinique 10G+ Category 6A Modular Shielded 24 Port Patch Panel delivers excellent headroom beyond 500MHz. Its robust die cast housing and fully shielded design optimizes shield effectiveness protection from EMI and alien crosstalk. Its rear shield protects IDC terminations and maintains shield effectiveness.

Infinique's 10G+ Category 6A Modular Shielded Patch Panel meets ANSI/TIA-568-B.2-10 and IEC 60603-7-5 performance requirements, and also exceeds ISO/IE 11801 2nd Edition and EN50173 2nd Edition requirements for transfer impedance and shield effectiveness. They are backwards compatible with Cat5e and Cat6 components.

Features and Benefits

- **Reliable Performance**
  Electrical performance guaranteed to meet or exceed the channel specifications of ANSI/TIA-568-B.2-10 and ISO/IEC 11801 of Category 6A, offers superior alien crosstalk mitigation and excellent insertion loss

- **Superior Design**
  Supports both TIA-568A and TIA-568B wiring, SPCC Cold Rolled Steel Construction, Easy Identification with Individual Port Marking, Labels and Grounding Bar

- **Easy Installation**
  Easy and Fast Terminations, Rear Cable Management Bar for strain relief, Includes Rack Mounting Accessories and Cable Ties

- **Performance Warranty**
  Qualifies for the Infinique's 25 Years System Performance Link Warranty

PATCH PANEL CONSTRUCTION

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ELECTRICAL SPECIFICATIONS

Current Rating	1.5Amps
Dielectric Strength	1000 V AC RMS, 60 Hz/1min
Contact Resistance	20 mohm
Insulation Resistance	500 Mohm
Voltage Rating	150 VAV max
Operating Temperature	-10°C ~ 60°C
Storage Temperature	-40°C ~ 70°C

MATERIAL SPECIFICATIONS

Panel, Bracket	SPCC Cold Rolled Steel Construction, Zinc Alloy Nickel Plated
RJ45 8-Pin Connector	24, FCC part 68, subpart F and IEC-60603-7 Compliant
IDC Contacts	Phosphor Bronze with 200µ" Tin over 50µ" Nickel Undercoat
IDC Housing	PC, UL-94V0
Spring Wire	Phosphor Bronze with 50µ" Gold over 100µ" Nickel Undercoat
Terminations	Terminates 22~24 AWG
Insulation Diameter	0.70~1.40 mm
Insertion Life	750 Mating Cycles
Contact Force	100 grams with FCC Compliant 8P Plug
Plug Retention Force	11 LBF Min.
Durability	30 Termination Cycles
Height	1U

MOUNTING DIMENSIONS

Width: 19" rack mountable panel
Depth: 6.0" deep with cable management bar
Height: 1.75" (1U)

STANDARDS/COMPLIANCE

Meets ANSI/TIA-568-B.2-10 Category 6s with the applicable electrical transmission characteristics
Meets TIA/EIA TSB-40 requirements
Meets ISO/IEC Generic Cabling Standard 11801:2002 ed.2.0
Meets CENELEC Generic Cabling Standard EN50173 – 1:2002
Lead Free and RoHS Compliant

TYPICAL APPLICATIONS

10GBASE-T, 100BASE-TX Fast Ethernet
Token Ring
1000BASE-T Gigabit Ethernet
155 Mbps ATM, 622 Mbps ATM
Composite Video
ADSL, ISDN, Power over Ethernet (PoE)

ORDERING INFORMATION

Part Number	Description
INPP6A24S	Category 6A Modular Shielded Patch Panel, 24 Ports, UL-94V0, Stainless Steel

Packaging: One Category 6A Modular Shielded 24 Port Patch Panel, Easy Clip-on Rear Cable Management Bar, Clear Plastic Label Holders, Label Kit, Cable Ties, Velcro Tie, Cage Nut and Screws.

Infinique's Extended Product Warranty provides a 25-year product and applications assurance of compliance with the industry performance standards appropriate to the class of cabling installed. This is a link performance warranty, covering patch panel to outlet and may be applied for by an Authorized Infinique's Channel Partner who has designed, supplied and installed the system.

25 YEARS Warranty | infinique

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Product specification, design and availability subject to change without prior notice.