

Ascent, Category 6A Patch Panels

Design

- Enhanced common mode design to eliminate residual and reflected NEXT and ANEXT.

Performance

- Balanced PCB design delivers significant headroom over the TIA Category 6A standard up to 500MHz providing true 10GbE application assurance.

Reliability

- Application: Third-Party qualified for 10 Gigabit Ethernet Transmission IEEE 802.3an.
- Component: Third-Party verified for TIA-568-C.2 Category 6A component.
- Channel: Third-Party tested for ISO 11801 Class EA compliant.
- Current Capacity: Qualified for PoE and PoE+ IEEE 802.3at.
- Mechanical: Third-Party verified to TIA-568-C.2.
- Manufacturing: 100% factory tested in a controlled environment.

Identification

- Centered port identification allows for greater visibility of labels and clean patch cord organization on a 48-port patch panel.

Specifications

- Nose contact material: Beryllium Copper with Precious Metal plating with Nickel under-plating.
- Contact performance confirmed over the full range of TIA plug deflection limits.

Standards

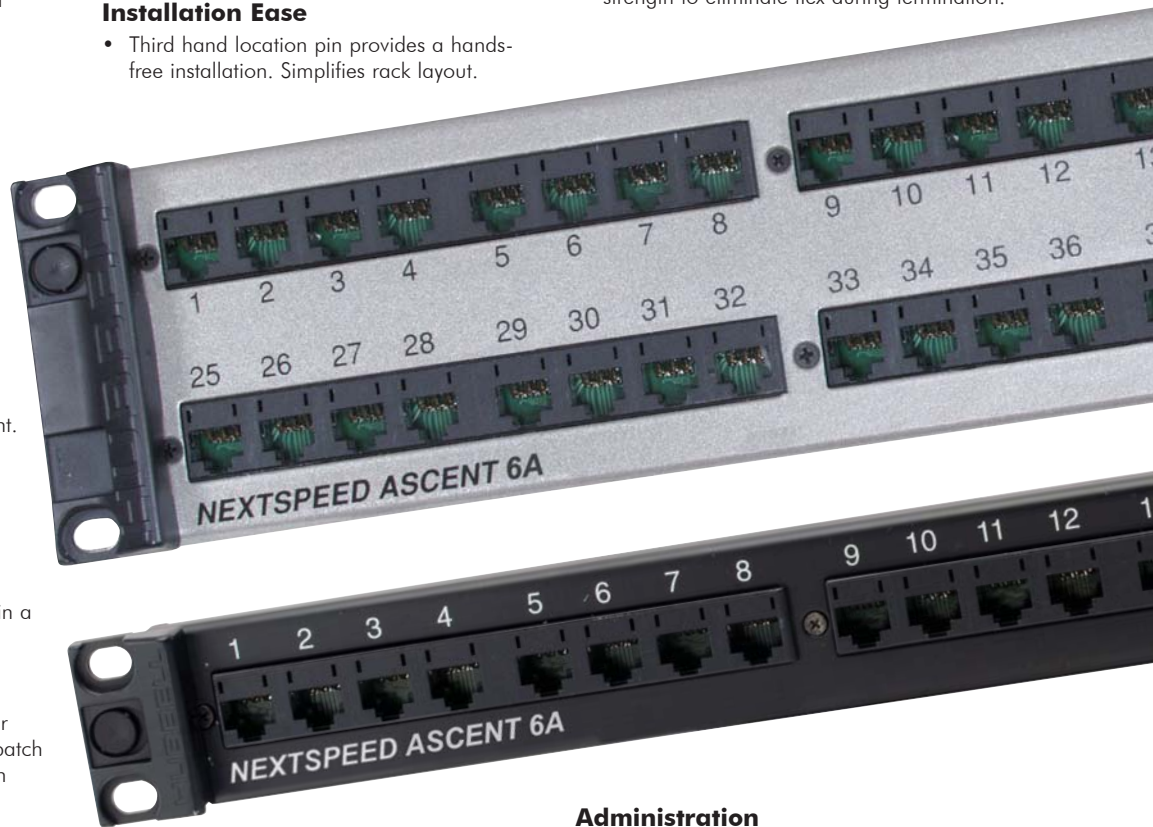
- TIA-568-C.2 (Previously 568-B.2-10 Category 6A) component.
- ISO 11801 Class EA Compliant (Category 6A).
- IEEE 802.3at.
- UL Listed 1863.

Durability

- Rolled edge construction provides rugged strength to eliminate flex during termination.

Installation Ease

- Third hand location pin provides a hands-free installation. Simplifies rack layout.



Administration

- Accepts Hubbell laser printable label sheets and industry recognized 0.5" hand held printer tape.

Superior Strain Relief

- Locking IDC stuffer cap ensures termination retention, securing wires during installation.



- True TIA and ISO Category 6A Component Compliance.
- Labor Savings: Exclusive 1-Punch Termination Reduces Termination Time by 75%.
- Third-Party Tested and Verified.
- Eco-Friendly Packaging Utilizes Recyclable Materials and Eliminates Excess Packing Waste.



NEXTSPEED® Ascent, Category 6A, Component Patch Panels

The NEXTSPEED® Ascent Category 6A Patch Panel exceeds TIA Category 6A and ISO component specifications supporting network convergence protocols delivering maximum 10GbE bandwidth and extended reliability for all LAN, multimedia, and Power over Ethernet applications.

Ports	Height	Width	Rack Units	Color	Catalog No.	
24	1.75" (45)	19" (483)	1	Black	HP6A24U	✓10G
48	3.50" (89)	19" (483)	2	Black	HP6A48U	✓10G
96	7.00" (178)	19" (483)	4	Black	HP6A96U	✓10G
24	1.75" (45)	19" (483)	1	Silver	HP6A24US	✓10G
48	3.50" (89)	19" (483)	2	Silver	HP6A48US	✓10G
96	7.00" (178)	19" (483)	4	Silver	HP6A96US	✓10G



NEXTSPEED® Ascent, Category 6A, Component Angled Patch Panels

Ports	Height	Rack Units	Catalog No.	
24	1.75" (45)	1	HP6A24AU	✓10G
48	3.50" (89)	2	HP6A48AU	✓10G



MUTOA, Category 6A Component

Features/Benefits

- Delivers Category 6A performance in a flexible format for open office and extended LAN applications.

Specifications

- UL and cUL Listed.

Description	Catalog No.
Consolidation point block, 12-port, Category 6A, universal, 89D	P6A12U ✓10G



1-Punch Termination Tool

1-Punch Tool for P6A Series Patch Panels

Patch Panel tool with head and blades	TX4PP
Patch Panel tool replacement head (includes blades)	TX4PPH
Patch Panel tool replacement blades	TX4PPBL



Rear Cable Management Bars

Description	Catalog No.
Screws to rear flange of 19" rack.	CMBR ✓10G
Holds each wire to minimize ANEXT and maximize performance.	
Clips to rear of panels.	PCBLMGT

