HD5® Patch Panels

Siemon's HD 5e series patch panels offer the most robust Category 5e patching solution in the industry. HD 5e panels feature universal T568A/B wiring and exceed Category 5e requirements with component and channel performance to 160 MHz. Compliant pin technology enables the use of multi-pair S110® punch-down tools to reduce termination time.
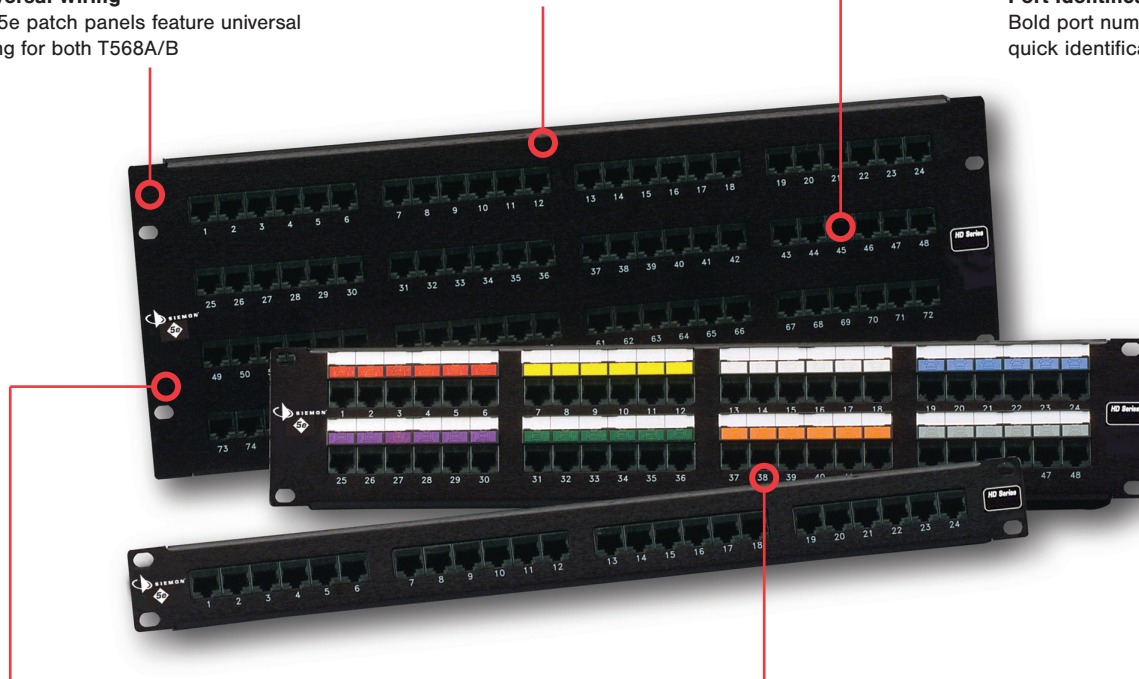
Universal Wiring
HD 5e patch panels feature universal wiring for both T568A/B

Aesthetics
Front surface is uninterrupted by screw heads for a clean appearance

Port Identification
Bold port numbering enables quick identification of outlets
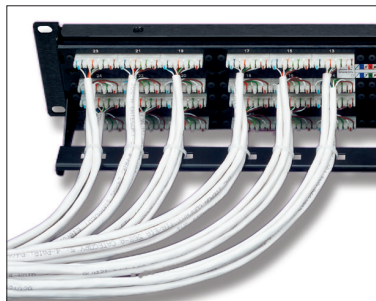

Standard Fit
Panels can be mounted directly on standard 19 inch relay rack or cabinet
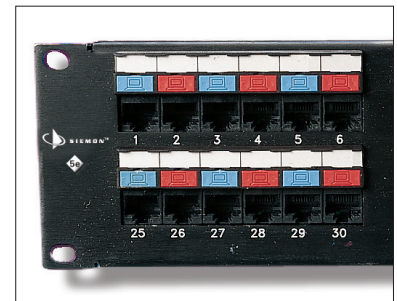
Installer Friendly
Panels available in 16-, 24-, 48- and 96-port configurations

Allows the use of Siemon's multi-pair impact tool to significantly reduce termination time. S110 termination openings on the rear are compatible with S110 patch plugs

Integrated rear cable manager properly guides cables to and from the rear of the panel

Icon and label holder kits are included with every panel

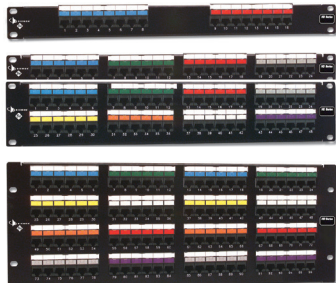SIEMON™

Performance Specifications

ELECTRICAL

Contact Resistance	20Ω
Input to Output Resistance	200Ω
Min. Dielectric Withstand Voltage (contact to contact)	1000 V DC or AC peak
Min. Dielectric Withstand Voltage (contact to shield)	1500 V DC or AC peak
Insulation Resistance	500 mΩ
Compatibility	Backwards to Category 3
Current Rating	1.5 AnPoE and PoE and PoE+
Power over Ethernet	Suitable for PoE and PoE+

MECHANICAL - GENERAL

Operating Temperature	-10 to 60 °C, (14 to 140 °F)
Flammability Rating	UL 94 V-0
Green Features	RoHS, lead-free, halogen-free, PVC free
Jack Housing Materials	Glass-reinforced nylon
Jack Contact Materials	Plated phospher bronze, stainless steel
Jack Plastic Materials	Flame retardant themoplastic

Ordering Information

HD® 5e UTP Flat Patch Panels

Part Number	Description
HD5-16	16-Port Category 5e UTP HD patch panel, T568A/B, 1U, black
HD5-24	24-Port Category 5e UTP HD patch panel, T568A/B, 1U, black
HD5-32	32-Port Category 5e UTP HD patch panel, T568A/B, 2U, black
HD5-48	48-Port Category 5e UTP HD patch panel, T568A/B, 2U, black
HD5-96	96-Port Category 5e UTP HD patch panel, T568A/B, 4U, black

Panels include rear cable manager, icon/label holders, designation labels, cable ties, and mounting hardware.

Add "B" for bulk project pack of 5 panels (rear cable managers [p/n: HD-RWM] not included but can be ordered separately).

Note: 1U = 44.5mm (1.75 in.)

S310 termination blocks on 16- and 32-port HD 5e panels are not compatible with S110 multi-pair termination tools.

MECHANICAL - JACK

Number of Plug Insertion Cycles	750
Min. Plug Retention Force	50N (11.2 lbf)
Plug Compatibility	Compatible with RJ45 (8-position) or RJ11 (6-position) plugs

MECHANICAL - TERMINATION

Wire Size Range (Nominal)	23 - 24 AWG solid and stranded
Wire Insulation Diameter Range (max)	1.48mm (0.058 in)
Conductor OD Size (max)	0.60mm (0.023 in)
Cable OD (max)	9mm (0.354 in)
Reterminations	20
Wiring	T568A/B

Ordering Information

HD 5e UTP Angled Patch Panels

Part Number	Description
HD5-24A	24-Port angled Category 5e UTP HD patch panel, T568A/B, 1U, black
HD5-48A	48-Port angled Category 5e UTP HD patch panel, T568A/B, 2U, black
PNLA-CVR-01	Angled panel cover, black

Angled panels include one rear cable manager, designation labels, cable ties, and mounting hardware

Add "B" for bulk project pack of 5 panels (rear cable managers not included but can be ordered separately).

Note: 1U = 44.5mm (1.75 in.)

HD5 UTP Patch Panel on S89D Bracket

Part Number	Description
HD5-89D-12	12-port Category 5e UTP panel, T568A/B wiring, mounted on S89D bracket

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PROD-SS-HD5 Rev. K 9/19

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