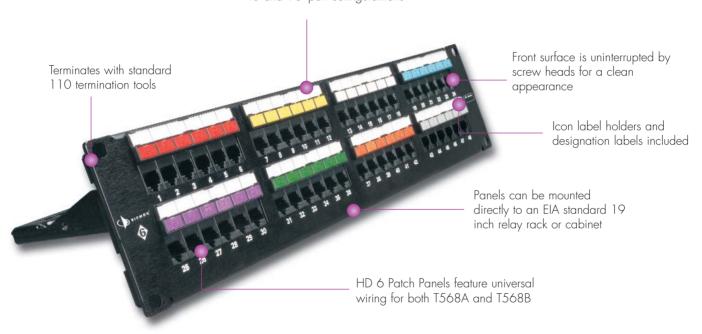# HD®6 PATCH PANELS

Siemon's HD 6 was the industry's first patch panel to exceed category 6 connecting hardware specifications for all pair combinations up to 250 MHz. Along with superior Category 6 performance Siemon's HD6 Panel offers user-friendly termination, labeling, and robust cable management features with Siemon's popular HD 6 patch panel.

Combine the MC® 6 modular cords with the MAX® 6 modules and HD 6 patch panels for a complete category 6 channel solution.

PATENTED

Panels available in 16, 24, 32, 48 and 96–port configurartions

Terminates with standard 110 termination tools

Front surface is uninterrupted by screw heads for a clean appearance

Icon label holders and designation labels included

Panels can be mounted directly to an EIA standard 19 inch relay rack or cabinet

HD 6 Patch Panels feature universal wiring for both T568A and T568B

Pyramid wire entry system on S310® blocks separates paired conductors when lacing cables to simplify and reduce installation time

Rear metal enclosure protects printed circuitry

Integrated rear cable manager properly guides cables to point of termination

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PRODUCT INFORMATION

ELECTRICAL	
Contact Resistance	20 mΩ
Input to Ouput Resistance	200 mΩ
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 cat 5e and cat 3
Current Rating	1.5 AnPoE and PoE and PoE+
PoE	Suitable for PoE and PoE+

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

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

MECHANICAL — TERMINATION	
Wire Size Range (nominal)	23-26 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

HD6® Flat Patch Panels:

HD6-16 ....16-port flat panel, T568A/B wiring, 1 RMS
HD6-24 ....24-port flat panel, T568A/B wiring, 1 RMS
HD6-32 ....32-port flat panel, T568A/B wiring, 2 RMS
HD6-48 ....48-port flat panel, T568A/B wiring, 2 RMS
HD6-96 ....96-port flat panel, T568A/B wiring, 4 RMS

Flat panels include one rear cable manager, icon label holders, designation labels, cable ties, and mounting hardware
Note: 1 RMS = 44.5mm (1.75 in.)
Ⓑ *Add "B" for bulk project pack of 5 panels (rear cable managers not included but can be ordered separately).*

HD6® Angled Patch Panels:

HD6-24A ....24-port angled panel, T568A/B wiring, 1 RMS
HD6-48A................48-port angled panel, T568A/B wiring, 2 RMS

Angled panels include one rear cable manager, designation labels, cable ties, and mounting hardware
Note: 1 RMS = 44.5mm (1.75 in.)
Ⓑ *Add "B" for bulk project pack of 5 panels (rear cable managers not included but can be ordered separately).*

HD6® 12 port panel mounted on S89D Bracket:

HD6-89D-12..........12-port panel, T568A/B wiring, mounted on S89D bracket

For additional resource information:
Visit our web site at www.siemon.com

Because we continuously improve our products, Siemon reserves the right to change specifications and availability without prior notice.

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