

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

MODULAR PATCHING

Panels available in 16, 24, 32, 48 and 96-port configurations

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

PRODUCT INFORMATION

ELECTRICAL	
Contact Resistance	20 mΩ
Input to Output 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 A PoE and PoE and PoE+
PoE	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 Material	Glass-reinforced nylon
Jack Contact Materials	Plated phosphor bronze, stainless steel
Jack Plastic Materials	Flame retardant thermoplastic

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)
Reterrminations	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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