Z-MAX™ 6A Shielded Patch Panels

Z-MAX 6A shielded patch panels provide unprecedented performance and reliability in a high-density modular solution. These complete patch panel kits combine 19 inch shielded patch panels with Z-MAX 6A shielded panel outlets to offer the industry's highest performing category 6A patching solution.

The Z-MAX shielded patch panels facilitate a world-class installation for data centers and telecommunications rooms by offering an attractive appearance combined with flexible labeling and color coding options.

These panels also accelerate installation through quick-snap module insertion and automatic grounding of modules via an embedded grounding conductor. The panel allows one- or two-hole ground lug connections to the site grounding system. This complete shielding solution provides maximum protection from outside interference and superior alien crosstalk mitigation.

6A

PATENTED

Z-MAX™

STANDARDS COMPLIANCE
- ANSI/TIA-568-C.2
- ISO/IEC 11801 Ed 2.2
- IEC 60603-7
- ETL Tested
- IEC 60603-7-51
- IEEE 802.3an
- IEEE 802.3af (PoE)
- IEEE 802.3at (PoE+)
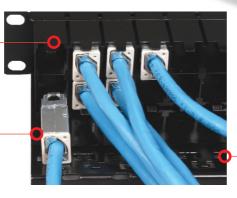- TIA-968-A (formerly FCC Part 68 Subpart F)

Additional space is provided for custom user labeling

High visibility snap-on magnifying label holders accept either paper labels or Z-MAX icons for port identification

Lightweight, high strength steel with durable black finish

A quick-release lever allows individual modules to be easily removed even in high density applications

Bold port numbering enables quick identification of outlets

Panel outlets easily snap into place and are automatically grounded without additional steps

Integrated rear cable manager ensures proper cable management practices for all installations, critical to category 6A performance

Panels are provided in complete kits which include the patch panel and Z-MAX panel modules

Leverage the quick-snap design by combining Z-MAX trunk assemblies with empty Z-MAX patch panels

High density version provides 48 ports in just 1U to reduce valuable rack space consumption

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PRODUCT INFORMATION

Performance Specification Chart:

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	1500 V DC or AC peak
Insulation Resistance	500 Mohm
Compatibility	Backwards to cat 5e and cat 6
Current Rating	1.5 A
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
Housing Material	Zinc die cast
Contact Materials	Plated phospher bronze, stainless steel
Plastic Materials	Flame retardant themoplastic
Dimensions (LxWxH)	109.2 mmx 482.6mm x 44.2mm (4.30"x19.00" x1.74 ")
Shield	360 degree enclosure
Mounting	19-inch (482.6mm) rack CEA-310-E
Material — Panel	18 gauge cold rolled steel, black e-coat
Ground Lug Attachment	3/8" 1 hole or two-hole lug (1" spacing)

MECHANICAL — JACK	
Number of Plug Insertion Cycles	2500
Min. Contact Force	50g
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	5
Wiring	T568A/B

Panel Accessories

Z-PNL-PL24...........Patch panel label sheet, numbered 1 to 24, bag of 100
Z-PNL-PL48...........Patch panel label sheet, numbered 25 to 48, bag of 100
Z-PNL-P ....Patch panel label holder, bag of 25
Z6A-SP ....Z-MAX 6A shielded panel outlet

Panels include Z-Tool, label / icon holders, designation labels, cable ties, grounding lug and mounting hardware.
Note: 1U = 44.5mm (1.75 in.)
* included in kit only*

*Because we continuously improve our products, Siemon reserves the right to change specifications and availability without prior notice.
Z-MAX™ is a trademark of Siemon*

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

Ordering Information:

Z6AS-PNL(X)-24K..............Z-MAX 24-Port, CAT 6A Shielded Patch Panel, Kit, 1 RMS, Black, with Jacks

Z6AS-PNL(X)-U48K ....Z-MAX 48-Port, CAT 6A Shielded Patch Panel Kit, 1 RMS, Black, with Jacks

ZS-PNL(X)-24E..................Z-MAX 24-Port Shielded Patch Panel, 1RMS, Black, Empty

ZS-PNL(X)-U48E...............Z-MAX 48-Port Shielded Patch Panel, 1RMS, Black, Empty

Mounting Style
(Blank) - Flat
A - Angled

Panels Include: Cable Ties, Icon/Label Holders, Labels, #6 AWG Grounding Lug, and Mounting Hardware

North America
Watertown, CT USA
Phone (1) 860 945 4200 US
Phone (1) 888 425 6165 Canada

Europe/Middle East/Africa
Surrey, England
Phone (44) 0 1932 571771

Asia/Pacific
Shanghai, P.R. China
Phone (86) 21 5385 0303

Latin America
Bogota, Colombia
Phone (571) 657 1950

W W W . S I E M O N . C O M

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