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.

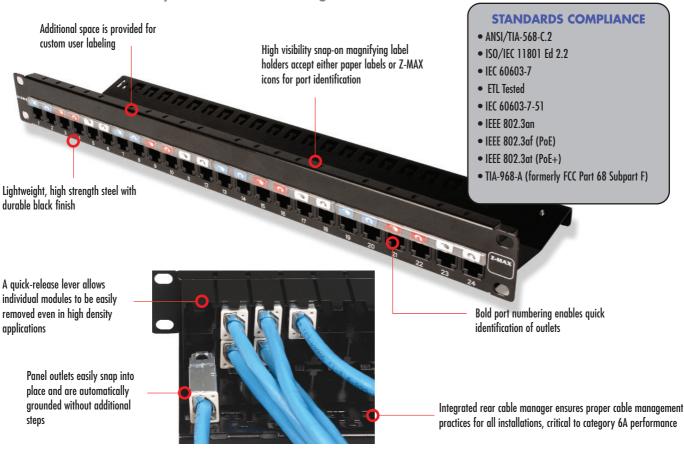
These panels also accelerate installation through quick-snap module insertion and automatic grounding of modules via an embedded grounding conductor. The panel allows one- or two-hole ground lug connections to the site grounding system. This complete shielding solution provides maximum protection from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







Z-MAY



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



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
76A-SP	7-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)-U48KZ-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

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