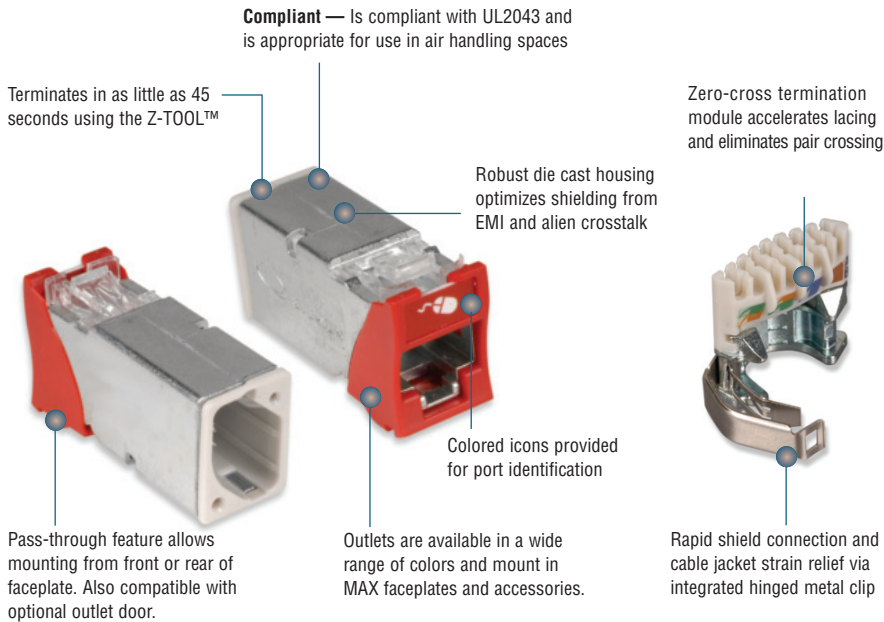


# Z-MAX® 5e SHIELDED OUTLETS

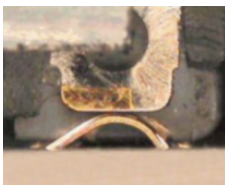
Combining exceptional category 5e performance with best-in-class termination time, the Z-MAX 5e shielded outlet is a vital part of an end-to-end Z-MAX 5e shielded cabling system. The Z-MAX module exceeds all applicable industry standards, including ANSI/TIA-568-C.2 and Amendments 1 and 2 of ISO/IEC 11801 2<sup>nd</sup> ed.



**User Friendly**  
The ergonomic and easy-to-use Z-TOOL ensures a fast, low force termination.



**Flexibility and Simplified Ordering**  
Hybrid design allows the same outlet to be mounted in flat or angled orientations.



**Contact Integrity** – Featuring Siemon's patented crowned jack contact geometry that improves electrical and mechanical performance and ensures that any jack or plug contact damage due to arcing caused by unmating under PoE load occurs well away from the final mated contact position.

### STANDARDS COMPLIANCE

- ANSI/TIA-568-C.2
- ISO/IEC 11801 2<sup>nd</sup> ed Amendment 1
- ISO/IEC 11801 2<sup>nd</sup> ed Amendment 2
- IEEE 802.3an
- IEEE 802.3af (PoE)
- IEEE 802.3at (PoE+)
- IEC 60603-7
- TIA-968-A (formerly FCC Part 68 Subpart F)

# PRODUCT INFORMATION

## Performance Specifications:

ELECTRICAL	
Contact Resistance	20 mΩ
Input to Output Resistance	200 mΩ
Min. Dielectric Withstand Voltage (contact to contact)	1000 AC peak
Min. Dielectric Withstand Voltage	1500 V DC (shield)
Insulation Resistance	500 mΩ
Current Rating	1.5 A
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
Housing Material	Zinc die cast
Contact Materials	Copper alloy, plated with 50 micro inches (1.27 micron) minimum thick gold or equivalent at contact interface
Plastic Materials	Flame retardant thermoplastic
Dimensions (LxWxH)	41.2x14.5x21.1mm (1.6x.570x.832 in.)
Shield	360 degree enclosure
MECHANICAL – JACK	
Number of Plug Insertion Cycles	2500
Min. Plug Retention Force	50N (11.24 lbf)
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.)
Re terminations	5
Wiring	T568A/B

\* Termination technique may vary. See product instructions

Each Z-MAX 6A hybrid outlet includes 1 printed icon set with the following color/print options.



Front

Rear

- |                               |                                |
|-------------------------------|--------------------------------|
| 1 - Red Data                  | 1 - Red Voice                  |
| 1 - Blue Data                 | 1 - Blue Voice                 |
| 1 - Bezel Color-Matching Data | 1 - Bezel Color-Matching Voice |
| 1 - White Blank               | 1 - Bezel Color-Matching Blank |



Hybrid

Keystone

Door

\* Note: Keystone module not available with door

## Ordering Information:

Z5-S(X)(XX)(X) . . . . . Shielded Z-MAX Category 5e outlet, T568A/B

<b>Mounting Style</b>	<b>Bezel Colour</b>	<b>Door Option</b>
(Blank) = Hybrid Flat/Angled	<b>01</b> = Black <b>06</b> = Blue	(Blank) = No Door
K = Keystone	<b>02</b> = White <b>07</b> = Green	<b>D</b> = Spring Door (Hybrid only)
	<b>03</b> = Red <b>09</b> = Orange	
	<b>04</b> = Grey <b>20</b> = Ivory	
	<b>05</b> = Yellow <b>80</b> = Light Ivory	

Outlet terminates S/FTP, F/FTP and F/UTP cable constructions with 22 – 26 AWG (0.64 – 0.51mm) solid and 26 AWG (0.48mm) stranded conductors, with up to 0.60mm diameter conductors and up to 1.48mm diameter over insulation.

Ⓢ Add "B" to end of part number for bulk project pack of 100 modules. (hybrid modules include icons).

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

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