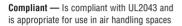
Z-MAX® 6 UTP OUTLETS

The Category 6 UTP Z-MAX outlet offers best-in-class performance exceeding all Category 6 performance requirements. Its innovative features not only accelerate and simplify termination, but remove installation variability for consistently high and repeatable performance - every termination, every time! This consistency eliminates troubleshooting time due to marginal passes during field testing.



Compact — Slim and side-stackable for high-density applications. Supports "pass-thru" feature to mount from the front or rear of a faceplate







Guided Termination Features — Lacing channels guide

correct conductor placement while 2-sided color-coding

provides wiring verification before and after lacing

 $\begin{tabular}{ll} \textbf{Enclosed IDC Terminations} & $-$ IDC terminations are fully enclosed in the outlet housing for robust protection \\ \end{tabular}$

High-Visibility Icon System — Printed icons allow designation for voice / data applications and also provide an additional color coding option

Robust Hinged Cable Retention — Hinged clip accommodates multiple

cable diameters

Fastest Termination Time — Zero-Cross[™] termination module and 2-step Z-TOOL[™] termination process combine for best-in-class termination time



Flexibility and Simplified Ordering

A single hybrid outlet supports both angled and flat mounting orientations.



Spring Door OptionMinimises exposure to dust and other contaminants.



Siemon's patented **PowerGUARD** technology prevents plug and jack contact erosion due to arcing at the mated location when the plug is unmated under PoE load conditions.

STANDARDS COMPLIANCE

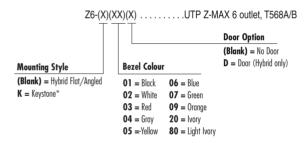
- TIA-568.2-D
- ISO/IEC 11801-Ed 1.0
- IEEE 802.3af (Type 1)
- IEEE 802.3at (Type 2)
- IEEE 802.3bt (Type 3 and 4)
- Powerover HDBaseT (PoH)
- IEC 60603-7
- TIA-968-A (formerly FCC Part 68 Subpart F)
- ANSI/TIA-1096-A
- IEC 60603-7-4
- IEC 60512-99-001 (3rd party verified)



PRODUCT INFORMATION

Performance Specifications:

ELECTRICAL		
Contact Resistance (mated)	20 mΩ	
Input to Ouput Resistance	200 mΩ (single conductors)	
Min. Dielectric Withstand Voltage (contact to contact)	1000 V DC or AC peak	
Insulation Resistance	500 MΩ	
Compatibility	Backwards to cat 5e and cat 6	
Current Rating	1.5 A	
POE	Suitable for PoE Type 1,2,3,4 and PoH	
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	Glass-reinforced nylon	
Contact Materials	Copper alloy, plated with 50 micro inches (1.27 micron) minimum thick gold or equivalent at contact interface	
Plastic Materials	Flame retardant themoplastic	
Dimensions (LxWxH)	41.2x14.5x21.2mm (1.6x.570x.832 in.)	



*Note: Keystone version is designed for integration with various third party mounting products and is not compatible with standard Siemon MAX mouninting products.

Keystone versions are also not compatible with icons and do not have door options.

Outlet terminates UTP cable constructions with 23 - 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 "D" to end of part number for spring door option. (Hybrid only)

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

Note: Z-MAX outlets utilise the Z-TOOL termination tool. Included with each standard pack of Z-MAX outlets.

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

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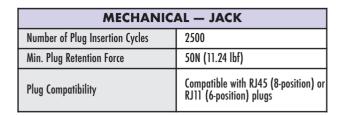
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MECHANICAL — TERMINATION	
Wire Size Range (nominal)	22-26 AWG solid and stranded
Wire Insulation Diameter Range (max)	1.48mm (0.058 in.)
Conductor OD Size (max)	0.60mm (0.023 in.)
Cable OD (max)	9mm (0.354 in.)
Reterminations	5
Wiring	T568A/B

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



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



Hybrid

Regional Headquarters

China





Door Option

Kevstone³

Regional Headquarters Latin America

Bogota, Colombia Phone (571) 657 1950/51/52

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