Z-MAX™ 6 UTP OUTLETS

Combining exceptional category 6 performance with best-in-class termination time, the Z-MAX 6 UTP outlet is a vital part of an end-to-end Z-MAX category 6 UTP cabling system.

This exceptional performance is achieved through Z-MAX's innovative Z-TOOL™ termination process, Zero-Cross™ termination module, unique diagonal IDC alignment for internal noise control and advanced tuning capabilities.

For performance greater than Category 6/Class E standards, the Z-MAX 6 outlet may be used with Siemon System 6™ or Premium 6™ UTP cable, MC6™ patch cords and MAX™, HD6™ or Z-MAX patch panels.

PATENT PENDING

Z-MAX™

STANDARDS COMPLIANCE
- TIA-568-C.2
- ISO/IEC 11801:Ed 2.2 (Cat6)
- IEEE 802.3af (PoE)
- IEEE 802.3at (PoE+)
- IEC 60603-7
- TIA-968-A (formerly FCC Part 68 Subpart F)
- ANSI/TIA-1096-A
- IEC 60603-7-4

Robust glass-reinforced nylon housing provides durability

Terminates in as little as 60 seconds using the Z-Tool

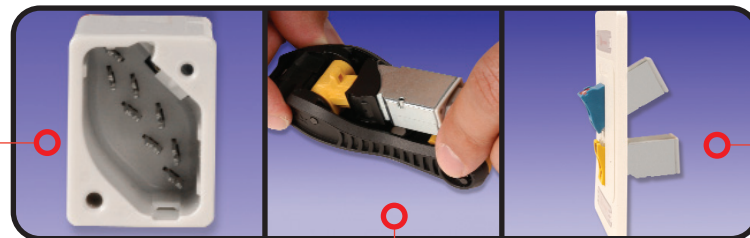High visibilty colored icons for port identification are provided in a convenient, one-piece frame. Also compatible with outlet door

Outlets are available in a wide range of colors and mount in Max faceplates and accessories. Keystone version also available

Zero-cross termination module accelerates lacing and eliminates pair crossing

Pass-through feature allows mounting from either side of a faceplate

Optional spring loaded door minimizes exposure to dust and other contaminents.

Rapid connection of cable jacket strain relief via integrated hinged metal clip

Diagonal IDC alignment maximizes outlet to outlet pair seperation to ensure AXT performance in high density environments

Universal design allows the same outlet to be mounted in flat or angled orientation

The ergonomic and easy-to-use Z-Tool ensures a simple low-force termination

SIEMON™

PRODUCT INFORMATION

Performance Specifications:
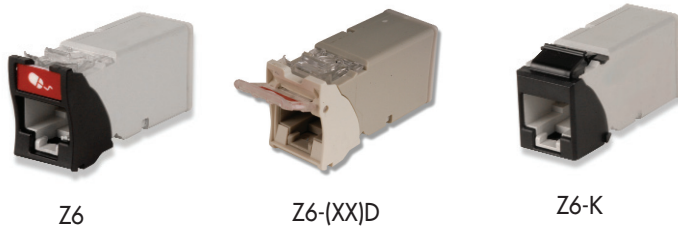
ELECTRICAL	
Contact Resistance	20 mΩ
Input to Ouput Resistance	200 mΩ
Min. Dielectric Withstand Voltage (contact to contact)	1000 V DC or AC peak
Min. Dielectric Withstand Voltage	1500 V DC or AC peak
Insulation Resistance	500 MΩ
Compatibility	Backwards to cat 5e and cat 6
Current Rating	1.5 A PoE , 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
Housing Material	Glass-reinforced nylon
Contact Materials	Plated phospher bronze, stainless steel
Plastic Materials	Flame retardant themoplastic
Dimensions (LxWxH)	41.2x14.5x21.2mm (1.6x.570x.832 in.)

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)
Conductor OD Size (max)	0.60mm (0.023)
Cable OD (max)	9mm (0.354)
Reterminations	5
Wiring	T568A/B

The hybrid outlet mounts into MAX® mounting hardware. It includes an icon card consisting of four attached icons: one color-matching, one red, one blue, and one blank icon.

The keystone version is designed for integration with various international mounting products and is not compatible with MAX mounting hardware. The icon is not compatible with keystone outlets.

Keystone module not available with door.

Z-MAX™ UTP Outlets:

Z6-(XX)...............Z-MAX 6 UTP module, hybrid (flat/angled)
Z6-(XX)D.............Z-MAX 6 UTP module with door, hybrid (flat/angled)
Z6-K(XX).............Z-MAX 6 UTP module, keystone*
Add "B" to the end of the part number for bulk pack of 100 outlets.

Z6   Z6-(XX)D   Z6-K

Use (XX) to specify color:
01 = black, 02 = white, 03 = red, 04 = gray, 05 = yellow,
06 = blue, 07 = green, 09 = orange, 20 = ivory,
25 = bright white, 80 = light ivory, 82 = alpine white

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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