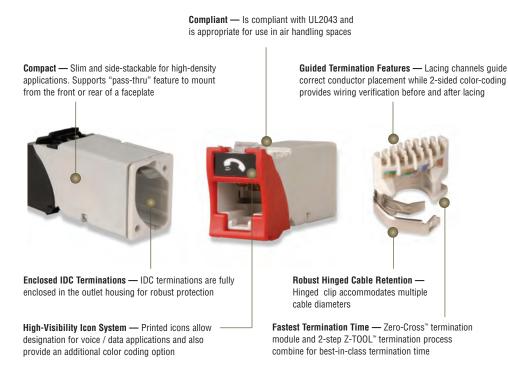
Z-MAX® 6 UTP OUTLETS

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.





Flexibility and Simplified Ordering

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



Spring Door Option Minimises exposure to dust and other contaminants

Each Z-MAX 6 UTP hybrid flat/angled outlet includes 1 printed icon set with the following colour/print options. Additional color options available.



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

- 1 Red Voice
- 1 Bezel Color-Matching Voice
- 1 Bezel Color-Matching Blank

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
- IEC 60512-99-001 (3rd party verified)



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 | 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.) |

| 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 |

Ordering Information:

Z6-(X)(XX)(X) UTP Z-MAX 6 outlet, T568A/B **Door Option** (Blank) = No Door **D** = Door (Hybrid only) **Bezel Colour Mounting Style** (Blank) = Hybrid Flat/Angled **01** = Black **06** = Blue **K** = Keystone **02** = White **07** = Green **03** = Red **09** = Orange **04** = Gray **20** = Ivory 05 = Yellow 80 = Light Ivory

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)

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.

Note: Keystone version is designed for integration with various international mounting products and is not compatible with MAX® mounting hardware.



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.

Worldwide Headquarters North America

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

Regional Headquarters EMEA

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

Regional Headquarters Asia/Pacific

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

Regional Headquarters Latin America

Bogota, Colombia Phone (571) 657 1950

Siemon Interconnect Solutions

Watertown, CT USA Phone (1) 860 945 4213 US www.siemon.com/SIS

