Z-MAX® 6A SHIELDED OUTLETS

The shielded Z-MAX outlet offers best-in-class performance in every critical specification, exceeding all Category 6A performance requirements, including alien crosstalk. Its innovative features not only speed and simplify termination, but remove installation variability for consistently high and repeatable performance — every termination, every time!

**Flexibility and Simplified Ordering**
A single hybrid outlet supports both angled and flat mounting orientations.

**Enhanced Shielding Effectiveness**
High level of shielded effectiveness exceeds ISO 360 degree shielding requirements via die cast housing and hinged cable retention/grounding clip.

**100% Jack-to-Jack Plastic Isolation**
Plastic bezels prevent contact between metal housings when side stacking to ensure ground quality and ANEXT performance.

**Quick-Ground™ Termination**
Cable shield is automatically terminated to the outlet without additional steps.

**Spring Door Option**
Minimizes exposure to dust and other contaminants.

**STANDARDS COMPLIANCE**
- ANSI/TIA-568-C.2
- ISO/IEC 11801 Ed 2.2
- ETL Tested
- IEEE 802.3an
- IEEE 802.3at (PoE)
- IEEE 802.3at (PoE+)
- ANSI/TIA 1096-A
- IEC 60603-7-51
- IEC 60512-99-001 (3rd party verified)

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

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

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

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

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

**Guided Termination Features** — Linear lacing channels guide correct conductor placement while 2-sided color-coding provides wiring verification before and after lacing

**Robust Hinged Cable Retention** — Clip accommodates multiple cable diameters

**Compliant** — Is compliant with UL2043 and is appropriate for use in air handling spaces

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

**Color Coding Capability** — Bezel allows outlets to be color-coded for customer identification to match faceplates and other mounting accessories

**STANDARDS COMPLIANCE**
- ANSI/TIA-568-C.2
- ISO/IEC 11801 Ed 2.2
- ETL Tested
- IEEE 802.3an
- IEEE 802.3at (PoE)
- IEEE 802.3at (PoE+)
- ANSI/TIA 1096-A
- IEC 60603-7-51
- IEC 60512-99-001 (3rd party verified)
## PRODUCT INFORMATION

**Performance Specifications:**

<table>
<thead>
<tr>
<th>MECHANICAL — TERMINATION</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Electrical</strong></td>
</tr>
<tr>
<td>Contact Resistance</td>
</tr>
<tr>
<td>Input to Output Resistance</td>
</tr>
<tr>
<td>Min. Dielectric Withstand Voltage (contact to contact)</td>
</tr>
<tr>
<td>Min. Dielectric Withstand Voltage</td>
</tr>
<tr>
<td>Insulation Resistance</td>
</tr>
<tr>
<td>Compatibility</td>
</tr>
<tr>
<td>PoE</td>
</tr>
<tr>
<td><strong>MECHANICAL — GENERAL</strong></td>
</tr>
<tr>
<td>Operating Temperature</td>
</tr>
<tr>
<td>Flammability Rating</td>
</tr>
<tr>
<td>Green Features</td>
</tr>
<tr>
<td>Housing Material</td>
</tr>
<tr>
<td>Contact Materials</td>
</tr>
<tr>
<td>Plastic Materials</td>
</tr>
<tr>
<td>Dimensions (LxWxH)</td>
</tr>
<tr>
<td>Shield</td>
</tr>
<tr>
<td><strong>MECHANICAL — JACK</strong></td>
</tr>
<tr>
<td>Number of Plug Insertion Cycles</td>
</tr>
<tr>
<td>Min. Contact Force</td>
</tr>
<tr>
<td>Min. Plug Retention Force</td>
</tr>
<tr>
<td>Plug Compatibility</td>
</tr>
</tbody>
</table>

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 “D” to end of part number for spring door option.

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. *Z-MAX™* is a trademark of Siemon.

For additional resource information:
Visit our web site at www.siemon.com

---

**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

---

© 2015 Siemon