

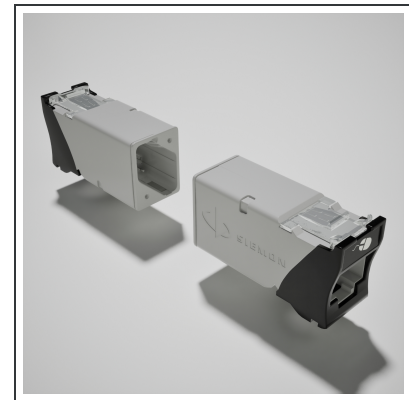
Product Spec Sheet



Part Number: Z6-01

Description: Copper Outlet ZMAX UTP Category 6 RJ45 Hybrid Black Tool-Less T568A/B

The UTP Z-MAX outlet offers best-in-class performance combined with superior usability. Its innovative features not only speed and simplify termination, but remove installation variability for consistently high and repeatable performance — every termination, every time! The innovative linear lacing features and user-friendly Z-Tool enable fast terminations, while removing installation variability for consistent, repeatable performance.



Disclaimer: The product images shown are for illustration purposes only and may not be an exact representation of the product

Z-MAX outlets are offered in hybrid (flat and angled in one part number), keystone, and panel mounting versions. The slim profile supports up to 48 port / 1U density in patch panel applications. Z-MAX UTP outlets are available in category 6 and category 6A versions.

General:

Product Family	ZMAX Modules - UTP Cat 6
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Weights & Dimensions:

Product Unit of Measure	EA
Product Weight	10.9g (0.38oz)
Product Dimensions (L x W x H)	40.9mm x 14.5mm x 21.1mm (1.61" x 0.57" x 0.83")
Pack 1 Quantity	50
Pack 1 Weight	0.7kg (1.62lbs)
Pack 1 Dimensions (L x W x H)	279.4mm x 133.4mm x 106.4mm (11" x 5.25" x 4.19")

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Pack 2 Quantity	500
Pack 2 Weight	8kg (17.74lbs)
Pack 2 Dimensions (L x W x H)	542.9mm x 282.6mm x 308mm (21.38" x 11.13" x 12.13")

Physical Specifications:

Product Type	Outlet
Shielded or UTP	UTP
Outlet Type	RJ45
Mounting Style	Hybrid
Color	Black
Housing Material	Flame retardant thermoplastic
Packaging	Not Applicable
Front Contact Material	High grade copper alloy
Front Contact Plating	50 micro inches (1.27 micron) minimum thick gold or equivalent at contact interface
Component Material	Flame retardant thermoplastic
Door	No

Mechanical Specifications:

Wiring	T568A/B
Termination Method	Tool-Less
Reterminations	5
Cable Entry	Not Applicable
Plug Insertion Cycles	2500
Operating Temperature (°C)	-10 to 60

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Operating Temperature (°F)	14 to 140
Wire Size Range (nominal)	26-22 AWG solid and/or stranded
Plug Compatibility	RJ45 (8-position) or RJ11 (6-position) plugs
Plug Retention Force (lbf) (min)	11.25
Wire Insulation Diameter (in) (max)	0.06
Conductor OD (mm) (max)	0.6
Cable OD (mm) (max)	9
Conductor OD (in) (max)	0.02
Wire Insulation Diameter (mm) (max)	1.4

Electrical Specifications:

Category	Category 6
Contact Resistance	$\leq 20 \text{ m}\Omega$
Insulation Resistance	$\geq 500 \text{ M}\Omega$
Input to Output DC Resistance (signal conductors)	$\leq 200 \text{ m}\Omega$
Dielectric Withstand Voltage (contact to contact)	1000 V DC or AC peak
Current Rating	1.5 A @ 25°C (77°F)

Compliance:

Industry Standards	ANSI/TIA-568.2-E (Category 6), ISO/IEC 11801-1 (Class E), ANSI/TIA-1096-A, IEC 60603-7-4
Applications Support	10/100/1000BASE-T, PoE (Type 1,2,3,4) and PoH
Safety & Certifications	IEC 60512-99-002 (3rd party verified), UL1863, UL 2043
Quality Management System Certification	ISO 9001:2015

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Environmental & Sustainability:

RoHS	RoHS - Meets With Exemption (6c)
REACH	REACH - Does Not Contain SVHCs
Conflict Minerals	Conflict Minerals - DRC Conflict Free
PFAS	Does not contain PFAS Substances

For more details about the product, please [Click Here](#)

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

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