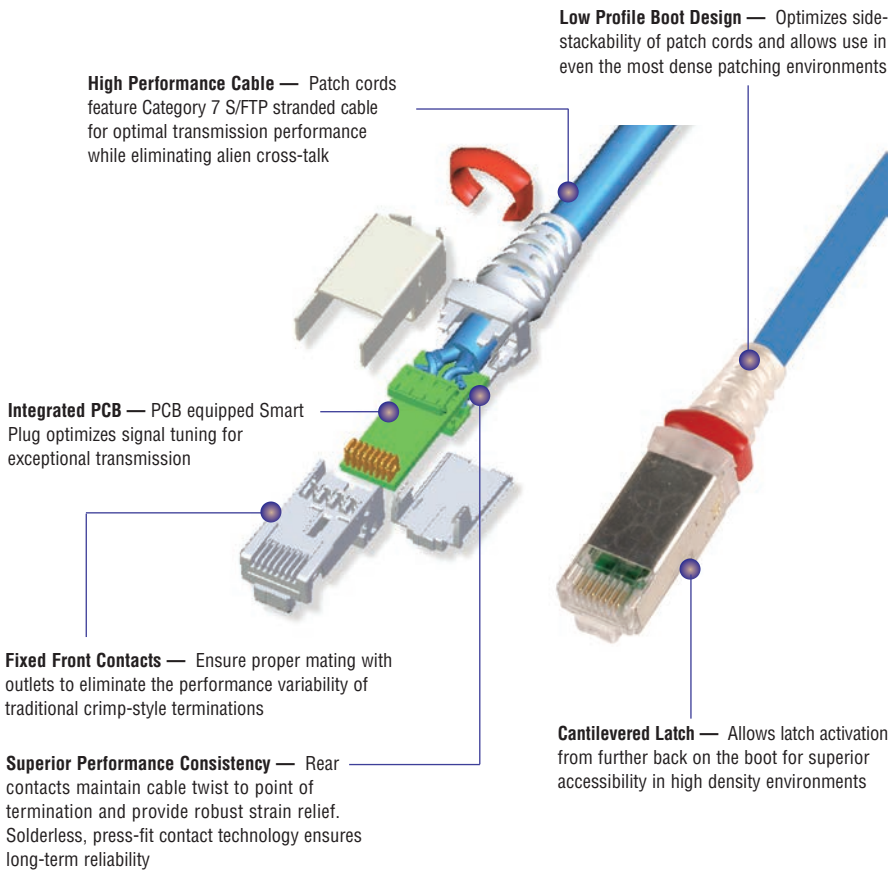


Z-MAX™ 6A SHIELDED MODULAR CORDS - US

Combining the unparalleled performance of an exclusive PCB-based plug, noise-resistant shielded construction and a host of innovative user friendly features, the shielded Z-MAX 6A modular cords are the ultimate Category 6A cord. All cords are 100% factory-tested to ensure performance and compliance.



STANDARDS COMPLIANCE:

- ISO/IEC 11801-1 Ed 1.0
- ANSI/TIA-568.2-D, 1096-A
- IEC 60603-7, 60603-7-51
- LSOH: IEC 60332-1, IEC 60754, and IEC 61034
- CM - UL Listed 1863
- Anatel Resolution No.242,2000 (may not apply to all assemblies listed)

APPLICATIONS SUPPORT

- 10GBASE-T
- 1000BASE-T
- 100BASE-T
- 10BASE-T
- IEEE 802.3af (Type 1 PoE)
- IEEE 802.3at (Type 2 PoE)
- IEEE 802.3bt (Type 3 PoE)
- IEEE 802.3bt (Type 4 PoE)
- Power over HDBaseT (PoH)



Solid F/UTP assemblies are available for consolidation point and equipment cord applications.



Removable clips allow field color coding even when cords are connected.



Boot ensures proper bend relief, critical for Category 6A performance.

PRODUCT INFORMATION

PERFORMANCE SPECIFICATIONS*

ELECTRICAL	
Contact Resistance	20 mΩ
Input to Output Resistance	200 mΩ
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 @ 25° C	1.5 A
Power over Ethernet	Suitable for PoE and PoE+
Power over Ethernet	< 10 mΩ/m @ 10 MHz
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
Plug Housing Materials	Polycarbonate
Contact Materials	50 microinches gold plating or equivalent
Plastic Materials	Flame retardant themoplastic
Screen	360 degree enclosure
Marking	P/N, length, performance level, QC

MECHANICAL — PLUG	
Number of Plug Insertion Cycles	2500
Min. Plug Retention Force	50N (11.2 lbf)
Plug Compatibility	Compatible with RJ45
Cable to Plug Tensile Strength (min.)	20 lbs.
MECHANICAL — CABLE (STRANDED)	
Wire Size Range (Nominal)	26 AWG 7x32 Stranded tinned copper
Cable Construction	S/FTP
Cable O.D. (nominal)	6.35mm (0.25 in.)
Wiring	T568A/B
Jacket Type	CM/LSOH
Bend Radius	50mm (2.0 in.)
MECHANICAL — CABLE (SOLID)	
Wire Size Range (Nominal)	23 AWG Solid bare copper
Cable Construction	F/UTP
Cable O.D. (nominal)	7.37mm (0.29 in.)
Wiring	T568A/B
Jacket Type	CM/LSOH
Bend Radius	50mm (2.0 in.)



Ordering Information:

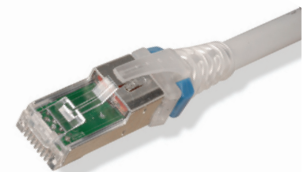
ZM6A-S(XX)-(XX) Z-MAX 6A shielded (S/FTP), double-ended, stranded modular cord, clear boot, T568A/B, dual-listed CM/LSOH

Length	Jacket Color
03 = 0.9m (3 ft.)	01 = Black 04 = Gray 07 = Green
05 = 1.5m (5 ft.)	02 = White 05 = Yellow 08 = Violet
07 = 2.1m (7 ft.)	03 = Red 06 = Blue 09 = Orange
10 = 3.1m (10 ft.)	
15 = 4.6m (15 ft.)	
20 = 6.1m (20 ft.)	

ⓑ Add "B" to end of part number for bulk project pack of 100 cords.

ZC6A-S(XX)(X)-(X)(X) Z-MAX 6A shielded (F/UTP) solid modular cord, blue jacket, clear boot

Length	Jacket	Wiring
10 = 3.1m (10 ft.)	(Blank) = Single-ended	A = T568B
20 = 6.1m (20 ft.)	D = Double-ended (T568A/B)	T = T568A
30 = 9.1m (30 ft.)	R = CMR	
40 = 12.2m (40 ft.)	P = CMP*	
50 = 15.2m (50 ft.)		
60 = 18.3m (60 ft.)		



CLIP-(XX) Color coding clip, bag of 25

Clip Color
01 = Black 04 = Gray 07 = Green
02 = White 05 = Yellow 08 = Violet
03 = Red 06 = Blue 09 = Orange



*Product is compliant with UL2043 and is appropriate for use in air handling spaces

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

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