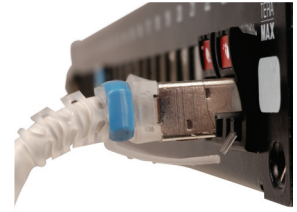


# Z-MAX™ 6A SHIELDED MODULAR CORDS - US

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.



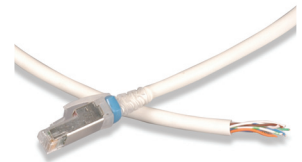
### Excellent Bend Relief

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



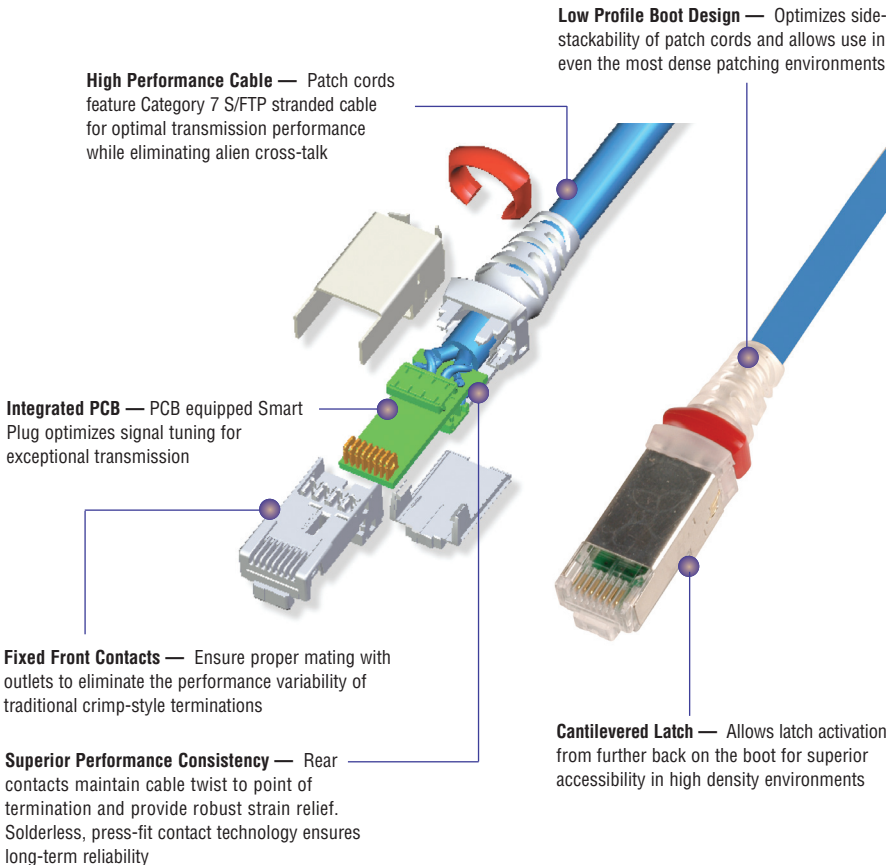
### Colored Clips

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



### Solid Cord Option

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



## STANDARDS COMPLIANCE

- ANSI/TIA-568-C.2
- ISO/IEC 11801 Ed 2.2
- IEEE 802.3an (10Gbase-T)
- IEEE 802.3af (PoE)
- IEEE 802.3at (PoE+)
- IEC 60603-7
- UL 1863 and CSA-C22.2 No. 182.4-M90
- IEC 60332-1 (LSOH)
- IEC 60754 (LSOH)
- IEC 61034 (LSOH)
- ANSI/TIA-1096-A
- IEC-60603-7-51
- Anatel Resolution No.242,2000

# PRODUCT INFORMATION

## Performance Specifications:

ELECTRICAL	
Contact Resistance	10 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	1.5 A
PoE	Suitable for PoE and PoE+
Surface Transfer Impedance	< 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 Material	Polycarbonate
Contact Materials	50 microinches gold plating or equivalent
Plastic Materials	Flame retardant thermoplastic
Screen	360 degree enclosure
Marking	P/N, length, performance level, QC
MECHANICAL – PLUG	
Number of Plug Insertion Cycles	2500
Min. Plug Retention Force	50N
Plug Compatibility	Compatible with RJ45 outlets
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 (2in.)

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 or T568B
Jacket Type	CMR or CMP
Bend Radius	50mm (2in.)



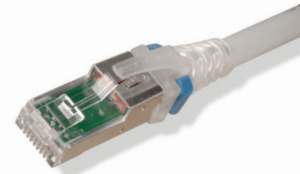
## Ordering Information:

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.)	

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

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



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

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

**North America**  
Watertown, CT USA  
Phone (1) 860 945 4200 US  
Phone (1) 888 425 6165 Canada

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

**Asia/Pacific**  
Shanghai, P.R. China  
Phone (86) 21 5385 0303

**Latin America**  
Bogota, Colombia  
Phone (571) 657 1950