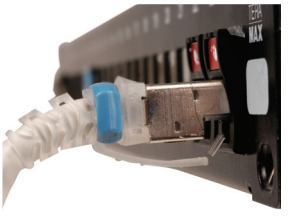
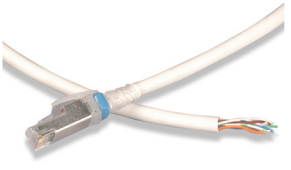
Z-MAX™ 6A SHIELDED MODULAR CORDS - US

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.

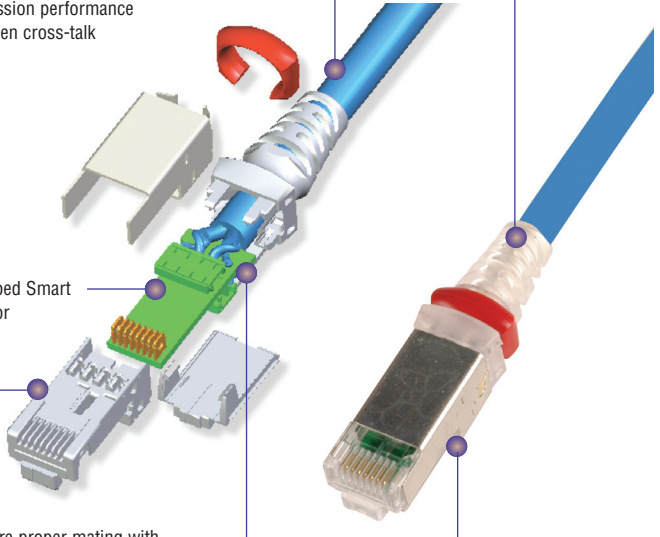


Excellent Bend Relief
Boot ensures proper bend relief, critical for Category 6A performance.

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.



High Performance Cable — Patch cords feature Category 7 S/FTP stranded cable for optimal transmission performance while eliminating alien cross-talk

Low Profile Boot Design — Optimizes side-stackability of patch cords and allows use in even the most dense patching environments

Integrated PCB — PCB equipped Smart Plug optimizes signal tuning for exceptional transmission

Fixed Front Contacts — Ensure proper mating with outlets to eliminate the performance variability of traditional crimp-style terminations

Superior Performance Consistency — Rear contacts maintain cable twist to point of termination and provide robust strain relief. Solderless, press-fit contact technology ensures long-term reliability

Cantilevered Latch — Allows latch activation from further back on the boot for superior accessibility in high density environments

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

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PRODUCT INFORMATION

Performance Specifications:

ELECTRICAL	
Contact Resistance	10 mΩ
Input to Ouput 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
- **03** = 0.9m (3 ft.)
- **05** = 1.5m (5 ft.)
- **07** = 2.1m (7 ft.)
- **10** = 3.1m (10 ft.)
- **15** = 4.6m (15 ft.)
- **20** = 6.1m (20 ft.)

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

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

Length
- **10** = 3.1m (10 ft.)
- **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.)

Wiring
- **A** = T568B
- **T** = T568A

Jacket
- **R** = CMR
- **P** = CMP*

Plugs
- **(Blank)** = Single-ended
- **D** = Double-ended (T568A/B)

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
- **02** = White
- **03** = Red
- **04** = Gray
- **05** = Yellow
- **06** = Blue
- **07** = Green
- **08** = Violet
- **09** = Orange

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

SS_Z6A_Shld_MC_I_US. 11/15

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