

## eXtreme® CAT 6A SlimLine Boot Patch Cords

### APPLICATION

eXtreme CAT 6A SlimLine Boot Patch Cords exceed all channel performance requirements in ANSI/TIA-568-C.2 from 1 MHz to 500 MHz to support the IEEE 802.3an standard for 10 Gigabit Ethernet over UTP Cable. The patch cords provide superior alien crosstalk suppression and protect critical data from EMI (electromagnetic interference) and RFI (radio frequency interference). They are ideal for use in a UTP CAT 6A system, or as part of a CAT 6A shielded system for use in healthcare, manufacturing, casinos, and other environments where alien crosstalk may be a concern. The shielded technology is Rockwell Automation Encompass™ approved.



### SPECIFICATION

CAT 6A patch cords shall provide electrical ANSI/TIA-568-C.2 CAT 6A performance for all internal and alien crosstalk parameters from 1 to 500 MHz. The patch cord shall be a 26-gauge FTP construction with stranded center conductors to provide greater flex-life. The patch cord will incorporate a SlimLine plug/boot combination to provide strain relief and ease of use in higher-density applications. The patch cords shall be available in standard lengths of 3, 5, 7, 10, 15, and 20 feet. The patch cord shall be available in 8 standard colors. Patch cord plug shall have industry-standard, ANSI/TIA-1096-A compliant 50 micro inches of gold plating.

### FEATURES

- Independently tested and verified by Intertek (ETL) for CAT 6A component performance
- Cable construction provides excellent alien crosstalk suppression and EMI/RFI protection
- SlimLine plug/boot features a narrow profile for less congestion in higher-density applications
- Snagless design prevents tab breakage
- Strain-relief boot ensures long-term network performance
- Outside diameter of .240 inches easier to manage
- 26-gauge stranded conductors for maximum flexibility
- Same cord for UTP or shielded installations
- Manufactured by Leviton using Berk-Tek cable

### STANDARDS COMPLIANCE

- ANSI/TIA-568-C.2 component requirements for connecting hardware from 1 MHz to 500 MHz
- ISO/IEC 11801 CAT 6A
- IEEE 802.3an to support 10GBASE-T networks
- cULus listed
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL 444 CM rated

### PHYSICAL SPECIFICATIONS

Available Lengths:	See page two
Outer Diameter (O.D.):	0.240"
Materials:	26-gauge, FTP stranded conductor
Colors:	White, yellow, orange, red, blue, green, grey, and black

### COUNTRY OF ORIGIN

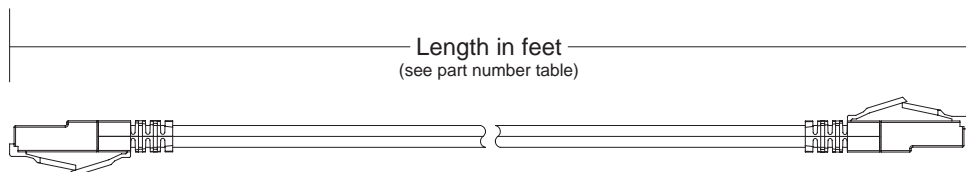
USA

### WARRANTY INFORMATION

For a copy of Leviton product warranties, visit [www.leviton.com/warranty](http://www.leviton.com/warranty).

## ELECTRONIC FILES

For CAD files, typical specs, or technical drawings (.DXF, .DWG), visit [www.leviton.com](http://www.leviton.com).



6AS10-xxx

ANSI/TIA-568-C.2 CAT 6A PATCH CORD REQUIREMENTS	TIA Minimum Requirements* (dB)		
	@ 100MHz	@ 250MHz	@ 500MHz
1-Meter Patch Cord NEXT	47.0	39.3	28.2
2-Meter Patch Cord NEXT	46.4	38.9	28.4
5-Meter Patch Cord NEXT	45.4	38.1	29.0
Return Loss - All Lengths	18.0	14.0	9.5

1 Meter = 3.280 Feet, 2 Meters = 6.561 Feet, 5 Meters = 16.404 Feet

### \*NOTES:

Patch Cords shall meet requirements of all parameters from 1-500 MHz.  
Values in above table are only at specific frequencies and are for reference only.

PART NUMBERS	
Description	Part No.
eXtreme® CAT 6A SlimLine Boot Patch Cord, 26-gauge stranded conductor, 3-foot length (0.9m)	6AS10-03*
eXtreme CAT 6A SlimLine Boot Patch Cord, 26-gauge stranded conductor, 5-foot length (1.5m)	6AS10-05*
eXtreme CAT 6A SlimLine Boot Patch Cord, 26-gauge stranded conductor, 7-foot length (2.1m)	6AS10-07*
eXtreme CAT 6A SlimLine Boot Patch Cord, 26-gauge stranded conductor, 10-foot length (3.0m)	6AS10-10*
eXtreme CAT 6A SlimLine Boot Patch Cord, 26-gauge stranded conductor, 15-foot length (4.6m)	6AS10-15*
eXtreme CAT 6A SlimLine Boot Patch Cord, 26-gauge stranded conductor, 20-foot length (6.1m)	6AS10-20*

\* = Color: White (W), Yellow (Y), Orange (O), Red (R), Blue (L), Green (G), Grey (S), Black (E)



**NOTE:** Other lengths are available by special order, please contact customer service for more information.



For assistance customizing your patch cords, please visit  
[www.leviton.com/configurator](http://www.leviton.com/configurator) or call Tech Support at 800.824.3005.

