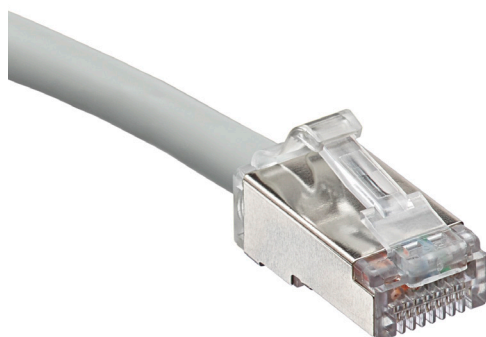


## Cat 6A Stranded Patch Cords

### APPLICATION

Leviton Cat 6A Stranded Patch Cords give optimum performance when used as part of a Leviton Cat 6A cabling system, either UTP or shielded. The low-profile and compact boot design makes these patch cords an excellent choice for higher-density blade servers and applications with limited space for installed bend radius. Leviton's Cat 6A systems are comprised of high-performance cables and connectivity, providing a reliable platform for today's network applications and higher speed protocols, such as 10GBASE-T. They are classified as a Category 6A and Class E<sub>A</sub> product set and fully backward compatible to Cat 6 (Class E) and Cat 5e (Class D) products.



### SPECIFICATION

Patch cords shall meet or exceed electrical transmission performance requirements of channels for all internal and alien crosstalk parameters from 1 to 500 MHz as described in ANSI/TIA-568.2-D (Cat 6A) and ISO/IEC 11801-1 (Class E<sub>A</sub>) and EN 50173-1 (Class E<sub>A</sub>). The patch cords shall be a 26-gauge construction with stranded conductors to provide greater flex-life. The patch cords will incorporate a molded boot that provides for a short installed bend radius and ease of use in higher-density applications. The patch cords shall be available in standard lengths of 0.5, 1, 1.5, 2, 3, and 5 meters. The patch cords shall be available in six standard colors. Plugs on patch cords shall have industry-standard, ANSI/TIA-1096-A compliant, 50 microinches of gold plating.

### COUNTRY OF ORIGIN

China

### WARRANTY INFORMATION

For Leviton product warranties, go to [Leviton.com/NS/Warranty](http://Leviton.com/NS/Warranty)

### FEATURES

- Compliant with Category 6A and Class E<sub>A</sub> standards
- Low-profile boots for higher-density blade servers
- Universal patch cords can be used in both UTP and shielded channels
- Compact boot for shorter installed bend radius
- LSHF/LSZH materials as standard
- Compatible with Leviton's Secure RJ system providing physical port security
- Designed to have a repeatable, controlled, and consistent assembly ensuring optimum performance
- Backwards compatible to Cat 6 and Cat 5e, and designed to be interoperable with Cat 6A compliant products
- Performance assessed through rigorous quality control in compliance with the demands of industry standards
- Available in a variety of lengths
- Accepts clip-on colored boot markers (PCCLP) for network identification

### DESIGN CONSIDERATIONS

- Available in 6 standard colors for network identification
- Suitable for connection to servers, blade servers hubs, switches, etc.

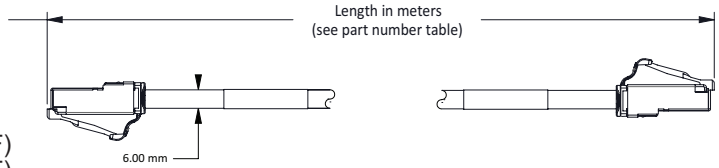
### STANDARDS & REGULATIONS

- ANSI/TIA-568.2-D (Cat 6A)
- ISO/IEC 11801-1 (Cat 6A)
- EN 50173-1 (Cat 6A)
- IEC 61156-6 (Cat 6A)
- ANSI/TIA-1096-A (formerly FCC Part 68)
- Fire Safety rating to IEC 60332-1-2
- Acid Gas Emissions to IEC 60754-2
- Smoke Index to IEC 61034
- IEC 60603-7
- IEC 60603-7-1
- IEEE 802.3bt PoE Type 1, 2, 3, 4 (100 watts Max)
- IEEE 802.3bt standard up to 0.5 amps per conductor (100 watts) continuously
- Fully supports the safe delivery of power over LAN cabling described by IEEE 802.3bt (Type 4) and complies with the unmating under electrical load requirements prescribed by IEC 60512-99-002
- Cisco UPOE, UPOE+ (90 watts Max)
- Power over HDBaseT™ PoH (95 watts Max)
- Maximum cable bundle for 90 watt PoE and above is 17 cords, per ISO IEC TS 29125

**PRODUCT SPECIFICATIONS**  
**AC6PCFxxx-yCCHB**

**MECHANICAL SPECIFICATIONS**

Dimensions: Cable OD: 6.0 mm  
 Materials: PC UL 94 V-0 rated plastics throughout body  
 Plated phosphor bronze screen  
 Temp. (Storage): -20 °C to +70 °C (-4 °F to +158 °F)  
 Temp. (Installation): -20 °C to +70 °C (-4 °F to +158 °F)  
 Temp. (Operating): -10 °C to +60 °C (14 °F to +140 °F)  
 Voltage Rating: 300V  
 Humidity (Max): 93% relative humidity, non-condensing



**AC6PCFxxx-yCCHB**



**PART NUMBERS - CAT 6A STRANDED PATCH CORDS**

Part Number	Item Description	Length	Weight per Item (nom)	Qty per Pack
AC6PCF005-yCCHB	Stranded 4 Pair RJ-45 Blade Patch Cords, LSOH IEC 332.1 Sheathed Cables	.5 m	0.02 kg	10
AC6PCF010-yCCHB	Stranded 4 Pair RJ-45 Blade Patch Cords, LSOH IEC 332.1 Sheathed Cables	1 m	0.04 kg	10
AC6PCF020-yCCHB	Stranded 4 Pair RJ-45 Blade Patch Cords, LSOH IEC 332.1 Sheathed Cables	2 m	0.07 kg	10
AC6PCF030-yCCHB	Stranded 4 Pair RJ-45 Blade Patch Cords, LSOH IEC 332.1 Sheathed Cables	3 m	0.1 kg	10
AC6PCF050-yCCHB	Stranded 4 Pair RJ-45 Blade Patch Cords, LSOH IEC 332.1 Sheathed Cables	5 m	0.17 kg	10

y = Standard range of colors: Red (1), White (3), Blue (4), Green (5), Yellow (6), and Gray (8)

**PART NUMBERS**

Description	Part No.
Patch Cord Color Clip, blue, bag of 24	PCCLP-001-BLM
Patch Cord Color Clip, crimson red, bag of 24	PCCLP-002-BCM
Patch Cord Color Clip, green, bag of 24	PCCLP-003-BVM
Patch Cord Color Clip, yellow, bag of 24	PCCLP-004-BYM

**AC6PCFAAA-BCCHB**

**CAT 6A STRANDED PATCH CORDS PART NUMBER CONFIGURATOR**

AC6PCF	aaa (Length, Standard)	- b (Cable Colors)	c	c	HB (Specialty Tag)
	<ul style="list-style-type: none"> <li>005 = 0.5 m</li> <li>010 = 1.0 m</li> <li>020 = 2.0 m</li> <li>030 = 3.0 m</li> <li>050 = 5.0 m</li> </ul> Other lengths available upon request up to 22 m	Cable Color (Standard) <ul style="list-style-type: none"> <li>1 = Red</li> <li>3 = White</li> <li>4 = Blue</li> <li>5 = Green</li> <li>6 = Yellow</li> <li>8 = Gray</li> </ul> Colors (Non-Standard): <ul style="list-style-type: none"> <li>2 = Black</li> <li>7 = Violet</li> <li>9 = Orange</li> </ul> Non-Standard cable colors are available upon request.	Boot 1 Color: C = Clear	Boot 2 Color: C = Clear	<ul style="list-style-type: none"> <li>H = Halogen Free</li> <li>B = Blade server compatible</li> </ul> Cords are halogen-free with stranded copper conductors unless otherwise stated.

For further support information, visit [Leviton.com/NS/Support](http://Leviton.com/NS/Support)