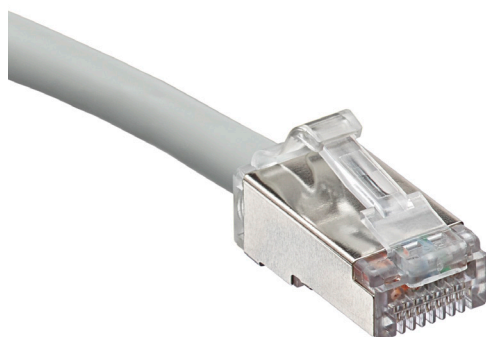


Cat 6A Stranded Patch Cords

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_A 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_A) and EN 50173-1 (Class E_A). 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. Patch cords plug shall have industry-standard, ANSI/TIA-1096-A compliant 50 micro inches of gold plating.

COUNTRY OF ORIGIN

China

FEATURES

- Compliant with Category 6A and Class E_A 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 for network identifications

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
- ANSI/TIA-1096-A (formerly FCC Part 68)
- IEC 60603-7: Connectors for electronic equipment - Part 7: Detail specification for 8-way, unshielded, free and fixed connectors
- IEEE 802.3bt PoE Type 1, 2, 3, 4 (90 watts max)
- Exceeds 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)
- Maximum cable bundle for 90 watt PoE and above is 17 cords, per ISO IEC TS 29125
- Fire Safety rating to IEC 60332-1-2
- Acid Gas Emissions to IEC 60754-2
- Smoke Index to IEC 61034

WARRANTY INFORMATION

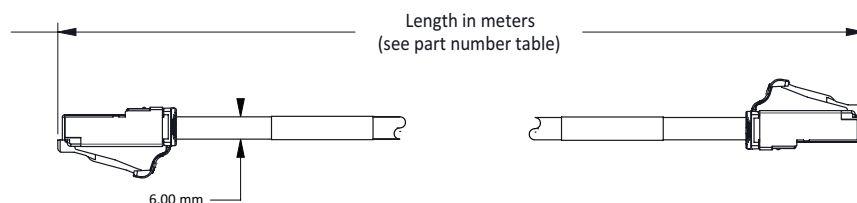
For Leviton product warranties, go to leviton.com/ns/warranty

PRODUCT SPECIFICATIONS

AC6PCFxxx-yCCHB

ELECTRICAL & MECHANICAL SPECIFICATIONS

Dimensions: Cable OD: 6.0 mm
Materials: PC UL 94 V-0 rated plastics throughout body
Plated Phosphor Bronze Screen
Temperature (Installation): -20 °C to +70 °C
Temperature (Operating): -10 °C to +60 °C at 93% relative humidity, non-condensing
Temperature (Storage): -20 °C to +70 °C
Voltage Rating: 300V



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)

AC6PCFaaa-bCCHB

CAT 6A STRANDED PATCH CORDS PART NUMBER CONFIGURATOR

AC6PCF	aaa (Length, Standard)	b (Cable Colors)	C	C	HB (Specialty Tag)
	• 005 = 0.5 m • 010 = 1.0 m • 020 = 2.0 m • 030 = 3.0 m • 050 = 5.0 m Other lengths available upon request up to 22 m	Cable Color (Standard) • 1 = Red • 3 = White • 4 = Blue • 5 = Green • 6 = Yellow • 8 = Gray Colors (Non-Standard): • 2 = Black • 7 = Violet • 9 = Orange Non-Standard cable colors are available upon request.	Boot 1 Color: C = Clear	Boot 2 Color: C = Clear	• H = Halogen Free • B = Blade server compatible Cords are halogen-free with stranded copper conductors unless otherwise stated.

For further support information, visit leviton.com/ns/support

