LEVITON®
Network Solutions

AC6PCFxxx-yCCHB-Pzz

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. 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

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
- Packaged in GREENPACK™ eliminating individual polybags which reducing jobsite waste, and single use plastics
- 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, and switches

FIRE RATING

- IEC 60332-1-2
- IEC 60754-2
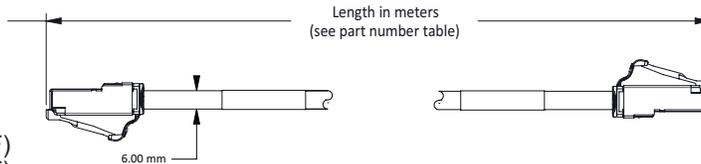- IEC 61034

STANDARDS & REGULATIONS

- ANSI/TIA-568.2-D (Cat 6A)
- ANSI/TIA-1096-A
- ISO/IEC 11801-1 (Cat 6A)
- EN 50173-1 (Cat 6A)
- IEC 61156-6 (Cat 6A)
- IEC 60603-7
- IEC 60603-7-1
- IEEE 802.3 PoE Type 1, 2, 3, 4 (100 watts Max)
- IEEE 802.3 standard up to 0.5 amps per conductor (100 watts) continuously
- Fully supports the safe delivery of power over LAN cabling described by IEEE 802.3 (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

E24 SS1224-EU-ME ENv3
Revised May 2024

PRODUCT SPECIFICATIONS

AC6PCFxxx-yCCHB-Pzz

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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

Length in meters
(see part number table)

6.00 mm

PART NUMBERS

Description	Part Number
Cat 6A Stranded 4 Pair RJ-45 Blade Patch Cords, LSOH IEC 332.1 Sheathed Cables, .5 m, GREENPACK™ of 24 cords	AC6PCF005-yCCHB-P24
Cat 6A Stranded 4 Pair RJ-45 Blade Patch Cords, LSOH IEC 332.1 Sheathed Cables, 1.0 m, GREENPACK of 24 cords	AC6PCF010-yCCHB-P24
Cat 6A Stranded 4 Pair RJ-45 Blade Patch Cords, LSOH IEC 332.1 Sheathed Cables, 1.5 m, GREENPACK of 24 cords	AC6PCF015-yCCHB-P24
Cat 6A Stranded 4 Pair RJ-45 Blade Patch Cords, LSOH IEC 332.1 Sheathed Cables, 2.0 m, GREENPACK of 24 cords	AC6PCF020-yCCHB-P24
Cat 6A Stranded 4 Pair RJ-45 Blade Patch Cords, LSOH IEC 332.1 Sheathed Cables, 3.0m, GREENPACK of 24 cords	AC6PCF030-yCCHB-P24
Cat 6A Stranded 4 Pair RJ-45 Blade Patch Cords, LSOH IEC 332.1 Sheathed Cables, 5.0 m, GREENPACK of 12 cords	AC6PCF050-yCCHB-P12

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

AC6PCFxxx-yCCHB-Pzz — CAT 6A STRANDED PATCH CORDS PART NUMBER CONFIGURATOR

AC6PCF (Cord Type)	xxx (Length, Standard) -	y (Cable Colors)	C	C	HB (Specialty Tag)	Pzz (Packaging)
• Stranded	• 005 = 0.5 m • 010 = 1.0 m • 015 = 1.5 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.	• P24 = GREENPACK of 24 cords • P12 = GREENPACK of 12 cords

Make to order!

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

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