

Cat 6 Unshielded Patch Cords

APPLICATION

Leviton Cat 6 Unshielded Patch Cords give optimum performance from your cabling system. The manufactured and tested patch cords offer guaranteed quality and ensure that your system avoids the performance degradation that inferior alternatives will give you at high data rates. The Cat 6 system is classified as Category 6 (Class E) product set that is fully backward compatible with Cat 5e (Class D) products.



SPECIFICATION

Patch cords shall meet or exceed electrical transmission performance requirements of links and channels as described in ANSI/TIA-568.2-D (Cat 6) and ISO/IEC 11801-1 (Class E) and EN 50173-1 (Class E). Patch cords shall be 24-AWG stranded conductor with an 8-position modular plug on each end. The cords shall include a narrow-profile boot that allows for easy cord removal without snagging. The 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 five standard colors. Patch cord plug contacts shall have industry-standard, ANSI/TIA-1096-A compliant 50 micro inches of gold plating.

COUNTRY OF ORIGIN

China

WARRANTY INFORMATION

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

FEATURES

- Low-profile boots for higher-density blade connectivity
- Designed to have a repeatable, controlled, and consistent assembly ensuring optimum performance
- LSHF/LSZH materials as standard
- Flexible and robust construction
- Performance assessed through rigorous quality control in compliance with the demands of industry standards
- 24-AWG patch cords offer guaranteed quality and optimum performance
- Individually packed in branded easy-tear bags
- Individual bagged parts, bulk packed in bags of 10 for standard cord

DESIGN CONSIDERATIONS

- Available in a variety of lengths
- Suitable for connection to servers, blade servers hubs, switches, etc.

STANDARDS & REGULATIONS

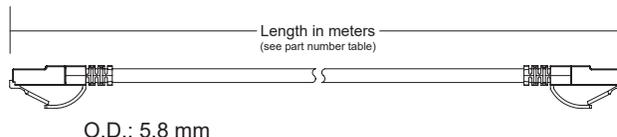
- ANSI/TIA-568.2-D (Cat 6)
- ISO/IEC 11801-1 (Cat 6)
- EN 50173-1 (Cat 6)
- IEC 61935-2
- ANSI/TIA-1096-A (formerly FCC Part 68)
- IEC 60603-7: Connectors for electronic equipment - Part 7: Detail specification for 8-way, unshielded, free and fixed connectors
- IEEE 802.3bt PoE Type 1, 2, 3, 4 (100 watts Max)
- Will exceed 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
- Fire Safety rating to IEC 60332-1-2
- Acid Gas Emissions to IEC 60754-2
- Smoke Index to IEC 61034

PRODUCT SPECIFICATIONS
C6CPCU010-xxxBB



MECHANICAL SPECIFICATIONS

Dimensions: Cable OD: 5.8 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): 0 °C to +50 °C (+32 °F to +122 °F)
 Humidity (Max): 93% relative humidity, non-condensing
 Voltage Rating: 300V



C6CPCU010-xxxBB

PART NUMBER

Description	Weight per item (nom)	Part No.
Cat 6 0.5 m U/UTP Stranded 4 Pair RJ45 - RJ45 Blade Patch Cord LSF/OH IEC 332.1 Sheathed Cable	0.025 kg	C6CPCU005-xxxBB
Cat 6 1 m U/UTP Stranded 4 Pair RJ45 - RJ45 Blade Patch Cord LSF/OH IEC 332.1 Sheathed Cable	0.039 kg	C6CPCU010-xxxBB
Cat 6 1.5 m U/UTP Stranded 4 Pair RJ45 - RJ45 Blade Patch Cord LSF/OH IEC 332.1 Sheathed Cable	0.057 kg	C6CPCU015-xxxBB
Cat 6 2 m U/UTP Stranded 4 Pair RJ45 - RJ45 Blade Patch Cord LSF/OH IEC 332.1 Sheathed Cable	0.075 kg	C6CPCU020-xxxBB
Cat 6 3 m U/UTP Stranded 4 Pair RJ45 - RJ45 Blade Patch Cord LSF/OH IEC 332.1 Sheathed Cable	0.110 kg	C6CPCU030-xxxBB
Cat 6 5 m U/UTP Stranded 4 Pair RJ45 - RJ45 Blade Patch Cord LSF/OH IEC 332.1 Sheathed Cable	0.180 kg	C6CPCU050-xxxBB



x = Standard range of colors: Red (111), Blue (444), Green (555), Yellow (666), and Gray (888)

C6CPCUAAA-BXXCC

CAT 6 UNSHIELDED PATCH CORDS PART NUMBER CONFIGURATOR

C6CPCU	aaa (Length, Standard)	b (Cable Colors)	x (Boot Colors)	x (Boot Colors)	HB (Specialty Tag)
	<ul style="list-style-type: none"> • 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) <ul style="list-style-type: none"> • 1 = Red • 4 = Blue • 5 = Green • 6 = Yellow • 8 = Gray Colors (Non-Standard): <ul style="list-style-type: none"> • 2 = Black • 3 = White • 7 = Violet • 9 = Orange Non-Standard cable colors are available upon request.	Boot 1 Color (Standard) <ul style="list-style-type: none"> • 1 = Red • 4 = Blue • 5 = Green • 6 = Yellow • 8 = Gray Colors (Non-Standard): <ul style="list-style-type: none"> • 2 = Black • 3 = White • 7 = Violet • 9 = Orange Non-Standard cable colors are available upon request.	Boot 2 Color (Standard) <ul style="list-style-type: none"> • 1 = Red • 4 = Blue • 5 = Green • 6 = Yellow • 8 = Gray Colors (Non-Standard): <ul style="list-style-type: none"> • 2 = Black • 3 = White • 7 = Violet • 9 = Orange Non-Standard cable colors are available upon request.	<ul style="list-style-type: none"> • BB = Blade • H = Halogen Free • X = Crossover Cords are halogen-free with stranded copper conductors unless otherwise stated.



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

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