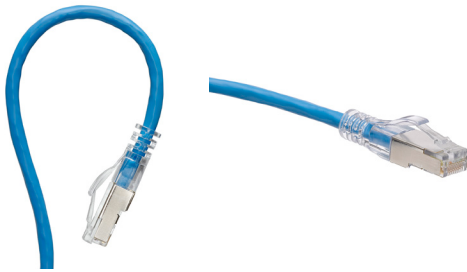


## High-Flex Cat 6A Patch Cords

### APPLICATION

High-Flex Cat 6A Patch Cords are designed to be used in 10 Gigabit applications for all frequencies from 1 to 500 MHz. Patch cords offer flexible, high-density patching. Cables support high-speed data applications. They reduce patch cord density in a 24-port patch panel by 25 percent when compared to typical Cat 6A patch cords.



### SPECIFICATION

Patch cords shall provide 10 Gigabit application performance for cross connecting in systems comprising equipment, cable, and appropriate connectors. The patch cords shall be 28-gauge, shielded, twisted-pair, stranded conductor construction with a standard 8-position modular plug on both ends. Plug contacts shall be plated with minimum of 50 µm of gold. Patch cords shall have an outer diameter of 0.195 inches and shall be available in white, yellow, grey, black, red, green, blue and orange.

### WARRANTY INFORMATION

**Note:** Limited Product and Limited Extended Warranties are rendered VOID if the installed structured cabling system is used for PoE applications that exceed the Product's specified power rating.

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

### FEATURES

- Available in white, yellow, grey, black, red, green, blue and orange
- Available in lengths from 1-100 feet
- Power over Ethernet (PoE and PoE+) compatible
- Accommodate use in high-density switches, routers, and other electronics
- Bend radius is a narrow 0.78 inches, versus 1.0 inch for typical Cat 6A patch cords

### DESIGN CONSIDERATIONS

- Designed to provide connectivity solution for 10 Gigabit applications
- Available in a variety of colors for color-coding or organization
- Channel Length:
  - Supports 96-meter channels that include 90-meter permanent links
  - Supports 93-meter channels with 10 meters of patch cords included in the channel

### STANDARDS COMPLIANCE

- Draft ANSI/TIA-568.2-D
- ANSI/TIA-1096-A (formerly FCC Part 68)
- RoHS compliant
- IEEE 802.3at (Type 1) Power over Ethernet (PoE) applications up to 15.4 watts
- IEEE 802.3at (Type 2) Power over Ethernet (PoE+) applications up to 30 watts — maximum bundle size of 70 cords
- UL 444 (CM)

### PHYSICAL SPECIFICATIONS

Dimensions:	1-100 foot lengths
Materials:	28-gauge, stranded F/UTP, standard modular non-keyed, 8-position, 8-conductor plug, 94V-0 rated
Cable Outer Diameter:	0.195 inches
Bend Radius:	0.78 inches

### COUNTRY OF ORIGIN

USA

HF6AU-XX\*

**ELECTRONIC FILES**

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

**PART NUMBERS**

Description	Part No.
High-Flex Cat 6A Patch Cords	HF6AU-XX*

XX = Length: 1' (01) - 100' (AO) — All lengths available as make-to-order only  
 \* = colors: White (W), Yellow (Y), Grey (S), Black (E), Red (R), Green (G), Blue (L), Orange (O)

**HIGH-FLEX CAT 6A PATCH CORDS — POPULAR LENGTHS**

Description	White	Yellow	Red	Blue	Green	Grey	Black	Orange
Patch Cord, 1 foot (0.3 m)	HF6AU-01W	HF6AU-01Y	HF6AU-01R	HF6AU-01L	HF6AU-01G	HF6AU-01S	HF6AU-01E	HF6AU-01O
Patch Cord, 2 feet (0.6 m)	HF6AU-02W	HF6AU-02Y	—	HF6AU-02L	—	HF6AU-02S	—	—
Patch Cord, 3 feet (0.9 m)	HF6AU-03W	HF6AU-03Y	HF6AU-03R	HF6AU-03L	HF6AU-03G	HF6AU-03S	HF6AU-03E	HF6AU-03O
Patch Cord, 4 feet (1.2 m)	HF6AU-04W	HF6AU-04Y	—	HF6AU-04L	—	HF6AU-04S	—	—
Patch Cord, 5 feet (1.5 m)	HF6AU-05W	HF6AU-05Y	HF6AU-05R	HF6AU-05L	HF6AU-05G	HF6AU-05S	HF6AU-05E	HF6AU-05O
Patch Cord, 7 feet (2.1 m)	HF6AU-07W	HF6AU-07Y	HF6AU-07R	HF6AU-07L	HF6AU-07G	HF6AU-07S	HF6AU-07E	HF6AU-07O
Patch Cord, 10 feet (3.0 m)	HF6AU-10W	HF6AU-10Y	HF6AU-10R	HF6AU-10L	HF6AU-10G	HF6AU-10S	HF6AU-10E	HF6AU-10O
Patch Cord, 15 feet (4.6 m)	HF6AU-15W	HF6AU-15Y	HF6AU-15R	HF6AU-15L	HF6AU-15G	HF6AU-15S	HF6AU-15E	HF6AU-15O
Patch Cord, 20 feet (6.1 m)	HF6AU-20W	HF6AU-20Y	HF6AU-20R	HF6AU-20L	HF6AU-20G	HF6AU-20S	HF6AU-20E	HF6AU-20O

**HF6AU-XX\***



<b>Leviton Network Solutions</b> 2222 - 222nd St. SE Bothell, WA 98021-4416  tel 1-800-824-3005 tel +1-425-486-2222 appeng@leviton.com www.leviton.com	<b>Asia / Pacific</b> T +1.631.812.6228 E infoasean@leviton.com	<b>Canada</b> T +1.514.954.1840 E pcservice@leviton.com	<b>Caribbean</b> T +1.954.593.1896 E infocaribbean@leviton.com	<b>China</b> T +852.2774.9876 E infochina@leviton.com	<b>Colombia</b> T +57.1.743.6045 E infocolombia@leviton.com
	<b>Europe</b> T +44.0.1592.772124 E customerservice@brand-rex.com	<b>India / SAARC</b> T +971.4.886.4722 E infoindia@leviton.com	<b>Mexico</b> T +52.55.5082.1040 E lsamarketing@leviton.com	<b>Middle East &amp; Africa</b> T +971.4.886.4722 E lmeinfo@leviton.com	<b>South Korea</b> T +82.2.3273.9963 E infokorea@leviton.com