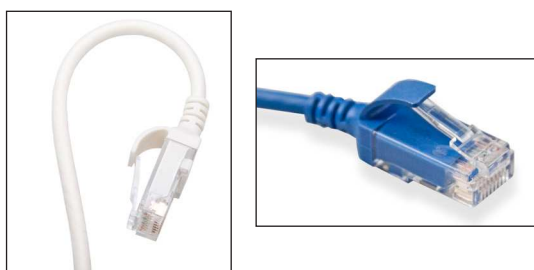


## eXtreme® High-Flex HD6 Patch Cords

### APPLICATION

eXtreme High-Flex HD6 Patch Cords are designed to be used in 1 Gigabit applications for all frequencies from 1 to 250 MHz, where Cat 6 patch cords are commonly utilized. 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 38 percent when compared to typical Cat 6 patch cords.



### SPECIFICATION

Patch cords shall provide 1 Gigabit application performance for cross connecting in systems comprising of equipment, cable, and appropriate connectors. The patch cords shall be 28-gauge, unshielded, 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 0.15 inches and shall be available in white, yellow, grey, black, red, green, and blue.

### 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, and blue
- Available in 6-inch, 1-, 2-, 3-, 4-, 5-, 7-, 10-, 15-, 20-, and 50-foot lengths
- Power over Ethernet (PoE and PoE+) compatible
- Accommodate use in high-density switches, routers, and other electronics
- Bend radius is a narrow 0.60 inches, versus 1.0 inch for typical Cat 6 patch cords
- Snagless plug design with integrated strain-relief boot

### DESIGN CONSIDERATIONS

- Designed to provide connectivity solution for 1 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

- 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 100 cords

### PHYSICAL SPECIFICATIONS

|                       |                                                                                               |
|-----------------------|-----------------------------------------------------------------------------------------------|
| Dimensions:           | 6-inch, 1-, 2-, 3-, 4-, 5-, 7-, 10-, 15-, 20-, and 50-foot lengths                            |
| Materials:            | 28-gauge, stranded UTP, standard modular non-keyed, 8-position, 8-conductor plug, 94V-0 rated |
| Cable Outer Diameter: | 0.15 inches                                                                                   |
| Bend Radius:          | 0.60 inches                                                                                   |

### COUNTRY OF ORIGIN

China

## ELECTRONIC FILES

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

6H460-XX\*

### EXTREME® HIGH-FLEX HD6 PATCH CORDS

| Description                                 | White     | Yellow    | Red       | Blue      | Green     | Grey      | Black     |
|---------------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| High-Flex HD6 Patch Cord, 0.5 feet (0.15 m) | 6H460-6iW | 6H460-6iY | —         | 6H460-6iL | —         | 6H460-6iS | —         |
| High-Flex HD6 Patch Cord, 1 foot (0.3 m)    | 6H460-01W | 6H460-01Y | 6H460-01R | 6H460-01L | 6H460-01G | 6H460-01S | 6H460-01E |
| High-Flex HD6 Patch Cord, 2 feet (0.6 m)    | 6H460-02W | 6H460-02Y | —         | 6H460-02L | —         | 6H460-02S | —         |
| High-Flex HD6 Patch Cord, 3 feet (0.9 m)    | 6H460-03W | 6H460-03Y | 6H460-03R | 6H460-03L | 6H460-03G | 6H460-03S | 6H460-03E |
| High-Flex HD6 Patch Cord, 4 feet (1.2 m)    | 6H460-04W | 6H460-04Y | —         | 6H460-04L | —         | 6H460-04S | —         |
| High-Flex HD6 Patch Cord, 5 feet (1.5 m)    | 6H460-05W | 6H460-05Y | 6H460-05R | 6H460-05L | 6H460-05G | 6H460-05S | 6H460-05E |
| High-Flex HD6 Patch Cord, 7 feet (2.1 m)    | 6H460-07W | 6H460-07Y | 6H460-07R | 6H460-07L | 6H460-07G | 6H460-07S | 6H460-07E |
| High-Flex HD6 Patch Cord, 10 feet (3.0 m)   | 6H460-10W | 6H460-10Y | 6H460-10R | 6H460-10L | 6H460-10G | 6H460-10S | 6H460-10E |
| High-Flex HD6 Patch Cord, 15 feet (4.6 m)   | 6H460-15W | 6H460-15Y | 6H460-15R | 6H460-15L | 6H460-15G | 6H460-15S | 6H460-15E |
| High-Flex HD6 Patch Cord, 20 feet (6.1 m)   | 6H460-20W | 6H460-20Y | 6H460-20R | 6H460-20L | 6H460-20G | 6H460-20S | 6H460-20E |

