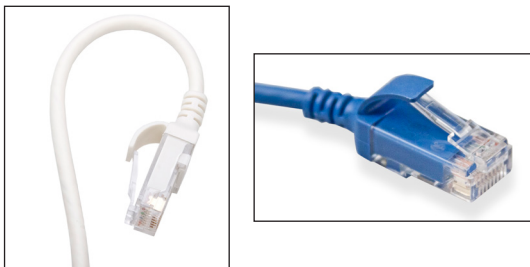


eXtreme® High-Flex HD6 Patch Cords

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.

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
- Supports proposed IEEE 802.3bt type 3 (24 cables in a bundle) PoE applications

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.

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



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