

✓ RoHS & CE	✓ UL 94V-0/V-2
✓ Fluke Tested	✓ OEM / ODM

CAT8 PATCH CORD

Cat8 Ethernet Patch Cable - High-Speed 40Gbps 2000MHz S/FTP Shielded Round Network Cord with Customizable Molds, Colors, and Lengths

Online Product Page:
https://www.hxplug.com/cat8-ethernet-patch-cable-customizable-molds-colors/

KEY PRODUCT HIGHLIGHTS

- Extreme 40Gbps Performance: The Cat8 Ethernet Patch Cable supports lightning-fast data rates up to 40Gbps, 4 times the speed of Cat6A.
- Massive 2000MHz Bandwidth: Provides up to 2000MHz frequency, ensuring stable, high-speed signals for data centers and professional applications.
- Versatile Mold Options: Available in multiple boot designs and molds (Snagless, Molded, or Slim-fit) to suit different high-density environments.
- Vibrant Color Variety: Choose from a wide range of colors including Blue, Black, White, Red, Green, Yellow, and more for expert cable organization.
- Fully Customizable: We offer bespoke lengths and OEM/ODM services to meet your specific networking project requirements.
- Superior S/FTP Shielding: Features individual foil shielding for each pair and an overall braid shield to eliminate EMI/RFI interference.

TECHNICAL SPECIFICATIONS & PARAMETERS

Parameter	Specification / Standard
Product Name	Cat8 Ethernet Patch Cable
Category	Category 8 (Cat8)
Data Rate	Up to 40 Gbps
Bandwidth	Up to 2000 MHz
Shielding Type	S/FTP (Shielded Foiled Twisted Pair)
Conductor Material	100% Pure Oxygen-Free Copper (OFC)
Wire Gauge	24 AWG / 26 AWG / 28 AWG
Connector Type	RJ45 8P8C (50u Gold-Plated Contacts)
Colors Available	Black, Blue, White, Gray, Red, Yellow, Green, etc.
Length Options	0.5m, 1m, 2m, 3m, 5m, 10m to 30m (Customizable)
Certification	RoHS, REACH, TIA/EIA 568-B

ENGINEERING OVERVIEW & APPLICATIONS

The Cat8 Ethernet Patch Cable represents the next generation of copper networking. As data demands skyrocket with 8K streaming, high-frequency trading, and massive cloud computing, your network infrastructure needs a cable that can keep up. Our Cat8 Ethernet Patch Cable is designed to handle a staggering 40Gbps data rate and 2000MHz bandwidth, making it the fastest copper patch cord on the market. It is the ultimate future-proofing investment for server rooms, smart homes, and competitive gaming setups.

We understand that every networking environment is unique. That is why our Cat8 Ethernet Patch Cable comes with multiple mold and boot options. Whether you need a Snagless boot to protect the locking tab during frequent moves, or a slim-profile mold for high-density patch panels, we have the right design for you. Our molds are crafted from

high-quality PVC or LSZH materials, ensuring durability and flexibility even in tight spaces.

Electronic noise is the enemy of high-speed data. Our Cat8 Ethernet Patch Cable utilizes a sophisticated S/FTP (Shielded Foiled Twisted Pair) architecture. Each twisted pair is wrapped in an individual aluminum foil shield, and all four pairs are encased in a secondary braided shield. This double-layer protection ensures that electromagnetic interference (EMI) and radio frequency interference (RFI) are kept at bay, providing a clean, stable signal path even in environments filled with heavy machinery or power lines.

We specialize in providing tailored solutions. Our Cat8 Ethernet Patch Cable is available in almost any color you require, allowing for professional color-coding in complex server racks. From short 0.5-meter patch leads to long 30-meter runs, we provide precision-cut lengths to eliminate cable clutter. For corporate clients, we offer OEM/ODM services , including custom printing on the cable jacket and specialized packaging to match your brand identity.

Gold Plating Options FU" / 3μ" / 6μ" / 15μ" / 30μ" / 50μ" Custom Gold Plating	**100% Quality Assurance** Fluke Versiv / DSX Tested, Salt-Spray & ≥750–2000 Mating Cycles
OEM / ODM Customization Custom Mold Tooling, Housing Colors, Cable Lengths & Private Label	**Certifications & Compliance** ISO 9001:2015, RoHS, REACH, CE, UL 94V-0 / UL 94V-2 Rated

Need Custom Gold Plating (3μ"–50μ"), Custom Molding, Private Label Packaging, or Bulk Factory Pricing?
WhatsApp / Tel: **+86 136 6278 0115** | Email: **iris@hxplug.com** | Online: **https://www.hxplug.com/cat8-ethernet-patch-cable-customizable-molds-colors/**