

5m White CAT8 Ethernet Cable, Snagless RJ45, 25G/40G, 2000MHz, 100W PoE++, S/FTP, 26AWG Pure Bare Copper Wire, LSZH, Shielded Network Patch Cord w/Strain Reliefs, Fluke Channel Tested

ID del Producto: NLWH-5M-CAT8-PATCH



Connect to a 25/40Gbps switch or networking device using this Snagless S/FTP Category 8 Ethernet Cable. The 2000MHz maximum frequency enables up to four times higher throughput than Cat6a.

Our Snagless Cat8 Cables are designed for long-lasting performance. The 4-Pair Shielded and Foiled Twisted Pair (S/FTP) construction utilizes 26AWG pure bare copper wire for improved conductivity and low resistance, ensuring reliable transmission and minimal signal loss.

Pure bare copper wiring offers consistent performance characteristics across different environments. Each pair is shielded in aluminum-mylar foil and tinned copper braid for enhanced EMI protection.

The Cat8 Ethernet Cable features snagless 50-micro gold-plated connectors that enable a precise fit to minimize wear and are rated beyond 750 connector mating cycles. The flexible Low Smoke Zero Halogen (LSZH) flame-retardant jacket emits low smoke and toxic fumes when exposed to extreme heat or in the event of a fire. This enables safer installations in poorly-ventilated areas including some industrial settings, self-contained environments such as trains and aircraft, as well as residential settings where compliance with building codes must be considered.

The cable is rated to withstand +/-90-degree bends and routes well in confined spaces.

The Shielded Cat8 Patch Cord is ideal for high-density 25/40GBASE-T networks and supports up to 100W output to Power over Ethernet (PoE++) devices. Establish connectivity to 25G/40G switches, Network Attached Storage (NAS), Storage Area Networks (SANs), and SFP modules. It facilitates reliable throughput and power to low-latency and critical PoE devices, including PoE switches, access points, and IP cameras.

Backward compatibility with Cat 6/6a and Cat 5/5e standards ensure seamless integration into existing network environments. Our Snagless Cat8 cables are Fluke channel tested for guaranteed

Cat8 performance.

Certificaciones, Reportes y Compatibilidad



Aplicaciones

- Establish reliable 40Gbps connections in an enterprise network
- Deliver reliable throughput to 40GBASE-T hardware including switches, NICs, and copper SFP modules
- Connect and power high-speed, low-latency network peripherals such as security cameras and LAN access points

Características

- **CAT8 ETHERNET CABLE:** Snagless S/FTP Cat8 cable is optimized for enterprise 25/40Gbps networks; 2000MHz frequency range enhances throughput capacity; Up to 4 times faster than Cat6a; Supports Power over Ethernet (PoE++) devices up to 100W
- **QUALITY CONSTRUCTION:** Shielded 50-micron gold-plated connectors enable a precise fit to minimize wear and signal loss; Rated beyond 750 insertions; 26AWG pure bare copper wire with braided shield enhance EMI protection for consistent throughput and power
- **SAFETY AND RELIABILITY:** Fluke channel tested for guaranteed Cat8 performance; PoE++ specifications complies with IEEE 802.3bt Type 4; Low Smoke Zero Halogen (LSZH) jacket is safe for enclosed/poorly ventilated spaces and emits low toxic fumes if combusted
- **APPLICATIONS:** Ideal for high density 25/40GBASE-T enterprise network deployments and switches; Connect reliably to critical PoE devices such as IP cameras and Access Points; Flexible LSZH jacket withstands 90deg bends and routes easily in tight spaces
- **SPECS:** 5-meter; White; Snagless; 10/25/40Gbps; 2000 MHz; 100W PoE++; S/FTP; 26AWG Pure Bare Copper Wire; Al-Mylar w/Braided Shield; Gold-Plated Connectors; LSZH Jacket; 5.6mm (0.22in) Cable O.D.; Fluke Channel Tested; Supports Cat 6/6a and Cat 5/5e

Hardware

Política de Garantía	Lifetime
Active or Passive	Pasivo

Adapter

Pasivo

Cantidad de Conductores 4-Pair S/FTP - 8P8C

Revestimiento del Conector Oro

Cable Tipo Jacket Low Smoke Zero Halogen

Tipo de Cable Blindado Aluminum-Mylar Tape with Braid

Grado de Inflamabilidad Recubrimiento LSZH (poco humo, cero halógenos)

Tipo de Cable Blindado Libre de Enganches

Estándar de Cableado TIA/EIA-T568B

Estándares Industriales IEEE 802.3ba 40GBASE-T
IEEE 802.3ba 40GBASE-T

Rendimiento

Tasa de Transferencia de Datos Máxima 40Gbps

Clasificación de Cables CAT8 - 2000 MHz

MTBF Conectores probados para más de 750 ciclos

Conector(es)

Conector A 1 - RJ-45

Conector B 1 - RJ-45

Requisitos de Energía

Power Delivery 100W

Requisitos Ambientales

Temperatura Operativa 0°C to 50°C (32°F to 122°F)

Temperatura de -20°C to 60°C (-4°F to 140°F)

Almacenamiento

Humedad HR de 0% ~ 85%

Características Físicas

Color	Blanco
Estilo de Conector	Recto
Calibre del Conductor	26 AWG
Tipo de conductor	Cobre macizo
Tipo de Gabinete	Metal and Plastic
Longitud del Cable	16.4 ft [5 m]
Cable OD	0.2 in [5.6 mm]
Longitud del Producto	16.4 ft [5.0 m]
Ancho del Producto	0.5 in [1.2 cm]
Altura del Producto	0.3 in [8.2 mm]
Peso del Producto	0.0 oz [0.0 g]

Información de la Caja

Cantidad de Paquetes	1
Longitud de la Caja	7.9 in [20.0 cm]
Ancho de la Caja	7.1 in [18.0 cm]
Altura de la Caja	1.2 in [3.0 cm]
Peso (de la Caja) del Envío	7.3 oz [206.0 g]

Contenido de la Caja

Incluido en la Caja	1 - Cable de Conexión Snagless Blindado CAT8 Blanco de 5m
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* La apariencia y las especificaciones del producto están sujetas a cambios sin previo aviso.