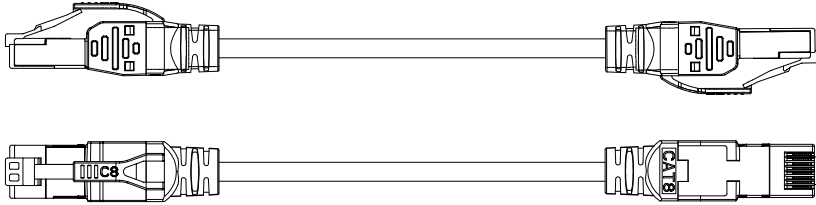


## CAT8 S/FTP Patch Cord

Shielded/Foiled Twisted Pair CAT8, 24AWG



### Application

- Category 8 S/FTP patch cord, compliant with ISO/IEC 11801 Class I and ANSI/TIA-568.2-D standards for Category 8 performance. Both ends of the cable are terminated with RJ45 modular plugs featuring yellow boots, exceeding IEC 60603-7 specifications, and equipped with 50 micro-inches gold plating on the contact surface for reliable conductivity and durability.
- The RJ45 modular plugs are designed with a robust construction to prevent snagging and tangling during installation and operation. The cable-conductors are made of 24 AWG stranded bare copper, ensuring excellent signal transmission and flexibility.
- The patch cord is available in 1, 2, 3, and 5-meter lengths, as well as other custom lengths upon request. Each patch cord is factory assembled under strict quality control and undergoes 100% testing to ensure performance and reliability.
- The outer jacket is made from LSZH (Low Smoke Zero Halogen) compound, which helps reduce the emission of toxic smoke and corrosive gases in the event of fire, enhancing user safety.

### Standard

ANSI/TIA-568.2-D Category 8, ISO/IEC 11801-1 class I, IEC 60332-1-2, IEC 61034-2, IEC 60754-2, IEC 60603-7, RoHS Compliant

### Application

40G BASE-T (IEEE 802.3bq 40Gigabit Ethernet) \*30m, 25G BASE-T (IEEE 802.3bq 25Gigabit Ethernet) \*30m, 10G BASE-T (IEEE 802.3an 10Gigabit Ethernet), 1000 BASE-T (IEEE 802.3ab Gigabit Ethernet), 100 BASE-TX (IEEE 802.3u Fast Ethernet), 10 BASE-T (IEEE 802.3i Ethernet), 52/155/622Mbps and 1.2Gbps ATM, 4/16 Mbps Token Ring, IEEE 802.3af (PoE), IEEE 802.3at (PoE+), IEEE 802.3bt (Type4), TP-PMD, TPDDI, ISDN, CDDI, VoIP, EtherCAT Industrial standard, HDBaseT 2.0 standard, Baseband, Broadband, Digital and analog for data, video and audio application

CONDUCTOR		INSULATION	
Material	Stranded Bare Copper	Material	Skin-Foam-Skin
No. of Conductor	4 Pairs (8 wires)	Diameter	1.40 ± 0.02 mm
Diameter	24 AWG		
SHIELDING		JACKET	
Individual Shield	Aluminum Foil	Material	Lead Free, FR-LSZH
Overall Shield	Tinned Copper Clads with Steel Braid	Cable Diameter	7.4 ± 0.2 mm
Shield (Plug)	Copper with Nickel Plated	Color	Yellow
		Flame Rating	LSZH
CONNECTOR & CONTACT		GENERAL INFORMATION	
Plug Housing Material	PC, UL94V-0, Transparent Black	Cable Diameter (Overall)	7.4 ± 0.2 mm
Pin Contact Material	Phosphor Bronze with Nickel Plated, 50 Micro-inch Gold Plated on Surface Contact Area	Cable Color	Yellow
Boot Material	PC, UL94V-0, Yellow	Flame Rating	LSZH
		Application	Category 8 S/FTP Patch Cord
		Compliance	ISO/IEC 11801 Class I, ANSI/TIA-568.2-D, IEC 60603-7