



FEATURES AND BENEFIT

LINK Category 8 S/FTP patch cord, LSZH compliant ISO/IEC 11801 Class I and ANSI/TIA-568.2-D requirements for category 8 performance. The both end of the cable shall have RJ45 modular plug with yellow boot exceed IEC 60603-7 specification and have 50 micro-inches of gold plate on surface area. RJ45 Modular plug designed robust construction to prevent snagging or tangling. The conductor made from stranded bare copper 24 AWG. Available length in 1, 2, 3 and 5 meters or other. The patch cord shall be factory assembled with high quality control and 100% test. The outer jacket material made from LSZH compound to reduces the amount toxic smoke and corrosive has emitted during burned, for users' 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

ORDER INFORMATION

Part number	Description
US-5401SLZ-5	SHILED CAT8 (24AWG) PATCH CORD 1 M., LSZH, YELLOW
US-5402SLZ-5	SHILED CAT8 (24AWG) PATCH CORD 2 M., LSZH, YELLOW
US-5403SLZ-5	SHILED CAT8 (24AWG) PATCH CORD 3 M., LSZH, YELLOW
US-5405SLZ-5	SHILED CAT8 (24AWG) PATCH CORD 5 M., LSZH, YELLOW

*Available other color and length on request

CONSTRUCTION AND PROPERTIES

Conductor	Material	Stranded bare Copper
	No. of Conductor	4 Pairs (8 wires)
	Diameter	24 AWG
Insulation	Material	Skin-Foam-Skin
	Diameter	1.40±0.02mm
Individual Shield	Material	Aluminum Foil
Overall Shield	Material	Tined copper clads with steel braid
Jacket	Material	Lead free, FR-LSZH
	Cable Diameter	7.4±0.2 mm
	Color	Yellow
Flame Rating		LSZH
Plug Housing	Material	PC, UL94V-0, transparent black color
Pin Contact	Material	Phosphor Bronze with nickel plated, 50 micro-inch gold plated on surface contact area
Shield	Material	Copper with nickel plated
Boot	Material	PC, UL94V-0, Yellow

ELECTRICAL CHARACTERISTIC

Impedance	100±15 ohms
Capacitance	36pF/30m at 1kHz
Dielectric Strength	2.5kV
Voltage Rating	300V

PHYSICAL PROPERTIES

Pulling tension	100N	
Durability	1,000 mating cycles	
Minimum Bending Radius	8 x cable OD	
Wiring Pattern	T568B	
Temperature	Storage	-40 °C to 70°C
	Operation	-40 °C to 70 °C