



FEATURES AND BENEFIT

LINK Category 6A S/FTP patch cord, LSZH compliant ISO/IEC 11801 Class EA and ANSI/TIA-568.2-D requirements for category 6A performance. The both end of the cable shall have RJ45 modular plug with transparent boot exceed IEC 60603-7, FCC Part 68 Subpart F specification and have 50 micro-inches of gold plating over nickel. The conductor made from stranded bare copper 26 AWG. Available length in 1, 2, 3, 5, and 10 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 6A
- ANSI/TIA-568-C.2 Category 6A
- ISO/IEC 11801:2017 class EA
- EN 50173-1 Category 6
- EN 50288-10-2
- IEC 61156-6 , IEC 60332-1
- IEC 61034-1, IEC61034-2
- IEC 60754-1, IEC 60754-2
- IEC 60603-7, FCC Part 8 Subpart F
- UL and ETL Verified to Category 6
- RoHS Compliant
- Approvals UL listed file no. E197771
- Intertek Certification no. 104047595CRT

APPLICATION

- 2.5G/5G BASE-T (IEEE 802.3bz)
- 10G BASE-T(IEEE 802.3an 10Gigabit Ethernet)
- 1000 BASE-T (IEEE 802.3ab Gigabit Ethernet)
- 1000 BASE-TX (TIA/EIA-854)
- 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+)
- 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-5201SLZ-X | Shielded Category6A RJ45 to RJ45 Patch Cord, LSZH, 1 m |
| US-5202SLZ-X | Shielded Category6 ARJ45 to RJ45 Patch Cord, LSZH, 2 m |
| US-5203SLZ-X | Shielded Category6 ARJ45 to RJ45 Patch Cord, LSZH, 3 m |
| US-5205SLZ-X | Shielded Category6A RJ45 to RJ45 Patch Cord, LSZH, 5 m |
| US-5210SLZ-X | Shielded Category6A RJ45 to RJ45 Patch Cord, LSZH, 10 m |
| US-5215SLZ-X | Shielded Category6A RJ45 to RJ45 Patch Cord, LSZH, 15 m |
| US-5220SLZ-X | Shielded Category6A RJ45 to RJ45 Patch Cord, LSZH, 20 m |

X = 1 : White , 9 : Aqua Blue
 *Available other color and length on request

ELECTRICAL CHARACTERISTIC

| | |
|----------------------------|---------------------------------|
| Impedance | 100 ± 15 Ohms, 1 MHz to 650 MHz |
| Capacitance | 13.5 pf/ft at 1MHz |
| Dielectric Strength | 2.5kV/min |
| Voltage Rating | 150V AC/DC |

CONSTRUCTION AND PROPERTIES

| | | |
|---------------------|-------------------------|--|
| Conductor | Material | Stranded bare Copper |
| | No. of Conductor | 4 Pairs (8 wires) |
| | Diameter | 26 AWG |
| Insulation | Material | Foam PE |
| | Diameter | 0.98 ±0.05 mm |
| Color code | Pair 1 | White - Blue |
| | Pair 2 | White - Orange |
| | Pair 3 | White - Green |
| | Pair 4 | White - Brown |
| Shielded | Shield Foil | AL-Mylar Tape |
| | Braid Shielded | Tinned annealed copper |
| Jacket | Material | Lead free, FR-LSZH |
| | Cable Diameter | 5.90 ±0.2 mm |
| Flame Rating | | LSZH |
| Boot | Material | PVC, Slim model |
| Plug Housing | Material | Clear polycarbonate with LINK logo, UL 94V-0 cover with bronze nickel plated |
| Pin Contact | Material | Phosphor Bronze with 50 micro-inch gold plated |

PHYSICAL PROPERTIES

| | | |
|-------------------------------|--------------------------|-------------------------------|
| Pulling Force | 50 N (11.24 lbs) minimum | |
| Durability | 800 cycle | |
| Minimum Bending Radius | 4 x Cable Diameter | |
| Wiring Pattern | T568B | |
| Temperature | Storage | -20°C to 70°C (-4°F to 158°F) |
| | Operation | -20°C to 65°C (-4°F to 149°F) |