



US-1002A

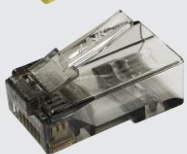
US-1062A-2

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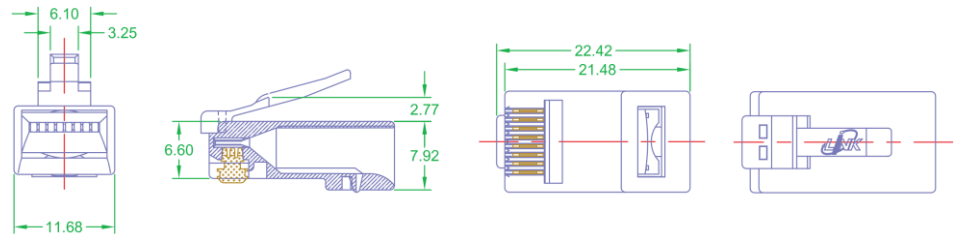
US-1062A-6



Scope of Application

The LINK Category 6 NEW RJ45 Modular Plug complies with ISO/IEC 11801 Class E and ANSI/TIA-568.2-D standards for Category 6 performance. LINK offers these plugs in standard configurations, making them suitable for terminating modular cords in patching or workplace applications. The unique termination process simplifies installation, and the single-part design enhances performance and consistency by minimizing untwisted wire at the plug, ensuring easy and reliable termination.

Drawing



Technical Standard

- ANSI/TIA-568.2-D Category 6
- ANSI/TIA-568-C.2 Category 6
- ISO/IEC 11801:2017 class E
- EN 50173-1 Category 6
- UL 1863
- IEC 60603-7, FCC Part 68 Subpart F
- RoHS Compliant
- Approvals UL listed file no. E196947



Construction and Properties

Plug Housing	Material	High-impact polycarbonate with LINK logo, UL 94V-0
Pin Contact	Material	Three prong pin, Copper Alloy with 50 micro-inch hard gold over 100 micro-inch nickel under plated in contact area

Physical Properties

Plug Contact Durability		1200 mating cycles
Wiring Pattern		T568A/T568B (universal color pattern)
Accommodate	Max. Insulation Diameter	1.1 mm
	Max Cable Diameter	6.5 mm
Termination Style		Crimping
Boot support		Compatible with LINK Plug boot and locking new plug boot
Temperature	Storage	-40°C to 80°C
	Operation	-20°C to 80°C

Application

- 2.5G/5G BASE-T (IEEE 802.3bz)
- 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+), 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	Color	Package
US-1002A	CAT6 NEW RJ45 PLUG TRANSPARENT CLAER	TRANSPARENT CLAER	10PCS/PKG
US-1062A-2	CAT6 NEW RJ45 CRYSTAL PLUG, TRANSPARENT RED	TRANSPARENT RED	10PCS/PKG
US-1062A-3	CAT6 NEW RJ45 CRYSTAL PLUG, TRANSPARENT GREEN	TRANSPARENT GREEN	10PCS/PKG
US-1062A-4	CAT6 NEW RJ45 CRYSTAL PLUG, TRANSPARENT BLUE	TRANSPARENT BLUE	10PCS/PKG
US-1062A-5	CAT6 NEW RJ45 CRYSTAL PLUG, TRANSPARENT YELLOW	TRANSPARENT YELLOW	10PCS/PKG
US-1062A-6	CAT6 NEW RJ45 CRYSTAL PLUG, TRANSPARENT BLACK	TRANSPARENT BLACK	10PCS/PKG

Specifications subject to change without notice.

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