



US-1002

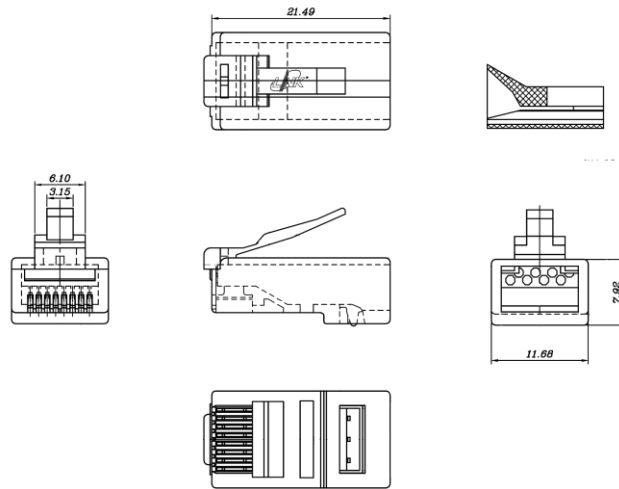


CAT6 RJ45 Modular Plug, 2 layers with pre-insert bar

Scope of Application

LINK Category 6 RJ45 Modular Plug compliant ISO/IEC 11801 Class E and ANSI/TIA-568.2-E requirements for category 6 performance. LINK offer plugs in standard configurations to terminate modular cord for patching or working applications. Simplified termination due to a unique process. The mechanical of 2 layer with pre-insert bar optimizes performance and consistency by reduce untwisted at plug.

Drawing



Technical Standard

- ANSI/TIA-568.2-E Category 6
- 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
Pre-insert bar	Material	High-impact polycarbonate, UL 94V-0
Pin Contact	Material	3 Prong pin, Phosphor Bronze plated 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	Wire Gauge	26-22 AWG solid and stranded bare copper
	Insulation Diameter	0.8mm-1.1mm.
	Cable Diameter	5 mm – 9 mm
Termination Style		Crimping
Boot support		Compatible with LINK Plug boot and locking 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-1002	Category 6, RJ45 Modular Plug, 2 layers with pre-insert bar	Clear Transparent	10 Each/Pack

Specifications subject to change without notice.

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