



LINK Shield Category 8, RJ45 Modular Plug

FEATURES AND BENEFITS

LINK Shield Category 8 RJ45 Modular Plug compliant ISO/IEC 11801 and ANSI/TIA-568.2-D requirements for category 8 performance. LINK offer plugs in standard configurations to terminate modular cord for patching or working applications. Simplified termination due to a unique process.

Standard Compliances

- ANSI/TIA-568.2-D Category 8
- ANSI/TIA-568-C.2-1 Category 8
- ISO/IEC TR 11801-99-1
- IEC 60603-7-5
- EN 50173-1

Applications Support

- 40G BASE-T (IEEE 802.3bq 40Gigabit Ethernet)
- 25G BASE-T (IEEE 802.3bq 25Gigabit Ethernet)
- 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 802.3 Ethernet)
- 52/155/622Mbps and 1.2Gbps ATM
- 4/16 Mbps Token Ring
- POE, POE+ (IEEE 802.3af, IEEE 802.3at)
- POE++ (IEEE 802.3bt)
- TP-PMD, TPDDI, ISDN, VoIP
- Baseband, Broadband

ORDER INFORMATION

Part Number	Description	Color
US-1081	LINK Shield Category 8, RJ45 Modular Plug	Metal

CONSTRUCTION

Housing	Material	Zinc die-casting with nickel plated
Plug Housing	Material	Polycarbonate, UL 94V-0, Yellow color
Plug Pin Contact	Material	Phosphor Bronze plated with 50 micro-inch hard gold over 100 micro-inch nickel underplate in contact area
Cover	Material	Zinc die-casting with nickel plated
Wire management bar	Material	Polycarbonate, UL 94V-0
Boot Housing	Material	Zinc die-casting with nickel plated
Dust Cap	Material	Polyethylene ,Black Color
IDC Contact	Material	Phosphor bronze with 150 micro inch tin plated Over 70 micro inch nickel underplate
Copper Foil Tape	Dimension	30 mm x 10 mm (L x W)

PHYSICAL PROPERTIES

Jack contact durability		750 mating cycles
Wiring Pattern		T568A/T568B (universal color pattern)
Accept	Wire Gauge	22-24AWG solid and stranded wire
	Cable Diameter	5 mm – 9 mm
Temperature	Storage	-40°C to 80°C
	Operation	

-END OF SPECIFICATION-