



US-4006IL



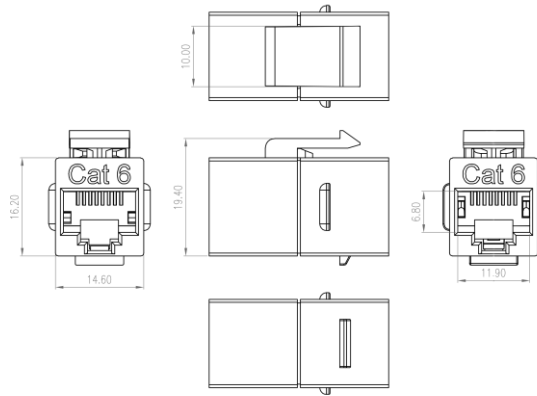
CAT 6 RJ45 COUPLER In-Line for Patch Panel

Insert

Scope of Application

LINK Category 6 in-line coupler for unload patch panel provide a 180° of RJ45 jack to jack splice, comply with ISO/IEC 11801 Class E and ANSI/TIA-568.2-E requirements for category 6 performance. The couplers are available in eight position contact RJ45 style and support for two patterns of T568A/B (Universal color pattern). The couplers are utilized printed circuit board (PCB) technology to balanced signal transmission of insertion loss. Available to use with unload patch panel for easy to installation

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
- Approvals UL listed file no. E196947
- RoHS Compliant



Construction and Properties

Jack Contact	Material	Phosphor bronze with 50-60 micro inch nickel plated and 50 micro inch of gold over nickel plated in the contact area
Housing	Material	High Impact flame retardant plastic ABS (with LINK logo), UL 94 V-0
Contact Holder	Material	High Impact ABS, UL 94 V-0

Physical Properties

Pulling Force		89 N (20 lbs) minimum
Jack contact	Durability	2000 mating cycles
Temperature	Storage	-40°C to 70°C
	Operation	-40°C to 70°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-4006IL	CAT 6 RJ45 COUPLER In-Line or Patch Panel Insert	White	Pack

*Other color available on request

Specifications subject to change without notice.

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