

# CAT 6 KEYSTONE JACK



## Introduction:

Category 6 90 degree keystone jack fits all standard keystone jack openings and with an adapter it can be used with wall plates. The jack can be terminated using either a Krone or 110 style impact tool and can be configured to suit T568A or T568B wiring, this is high quality jack.

The Category 6 jack has been designed for high-speed voice & data applications and exceeds all ANSI/TIA/EIA 568B and ISO/ IEC 11801 Standards requirements. The jack can be used together with Category 6 cable and accessories to construct a link or channel with Category 6 performance.

## Key Features:

- Fits standard keystone jack openings
- 8-position unscreened modular connector (RJ45) with 3 micro inches of gold over nickel contacts
- Fully Standards Cat 6 performance
- Suitable for Category 6 links and channels

## Technical Specifications:

### PERFORMANCE SPECIFICATIONS:

ISO/IEC11801: 2002

ANSI/TIA/EIA-568-B.2

### MECHANICAL SPECIFICATIONS:

Jack insertion durability:  $\geq 750$  mating cycles

Plug & jack contact force:  $\geq 100g$  with FCC approved plug

Plug retention force:  $\geq 133N$

### ELECTRICAL SPECIFICATIONS

Insulation resistance:  $\geq 500M\Omega$

Cat 6 Keystone Jack Rev: 1 Ver: 1 Dt: 7.8.14



Contact resistance:  $\leq 20 \text{ m}\Omega$

DC resistance:  $\leq 0.1\Omega$

Current rating:  $\geq 1.5 \text{ A}$

#### **PHYSICAL SPECIFICATIONS**

Housing: Flame retardant plastic, UL94V-0

RJ45, 8-position connector: Meets FCC part 68 and IEC 603-7

Connector wiring: Plating  $3\mu$  inches gold over nickel

IDC wire range: Solid or stranded, 22-26 AWG, 0.64mm

Operating temperature range:  $-10^{\circ}\text{C}$  to  $60^{\circ}\text{C}$

#### **Applications :**

- Voice
- ISDN: Basic & Primary Access
- Token Ring: 4/16/100 Mbps
- ATM: 25/52/155 Mbps
- Ethernet: 10BASE-T; Fast Ethernet: 100BASE-TX/T2/T4; Gigabit Ethernet: 1000BASE-T
- Broadband video

#### **ORDERING INFORMATION**

**LZ-CMJU06U -LANZONE Cat 6 UTP Modular unshuttered keystone jack.**

