

# SURFACE JACK



## Introduction:

Surface jack are suitable with RJ45 jack. 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 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 cable and accessories to construct a link or channel.

## Key Features:

- Single / Dual ports Surface Jack Suitable to fix with RJ45 jack
- Meeting ANSI/TIA/EIA-568-B-1 Category 5e electronically performance requirements
- Meeting ISO/IEC generic standard 110801

## 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:  $\geq 500M\Omega$

Contact resistance:  $\leq 20 m\Omega$



DC resistance:  $\leq 0.1\Omega$

Current rating:  $\geq 1.5$  A

#### **PHYSICAL SPECIFICATIONS**

Housing: Flame retardant plastic, UL94V-O

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-CSJ501-LANZONE Cat 5e UTP single Surface jack.**

**LZ-CSJ502-LANZONE Cat 5e UTP Dual Surface jack.**

**LZ-CSJ601-LANZONE Cat 6 UTP single Surface jack.**

**LZ-CSJ602-LANZONE Cat 6 UTP Dual Surface jack.**

