



## Keystone Jack

NEX1's Keystone Jacks feature non-PC board design. They guarantee a defective-free environment and meet/exceed ANSI/EIA/TIA 568A (TSB-40A); ISO/IEC 11801 connector requirements for high performance, reliable transmission service.

### Features:

- Easy to terminate, compact jack design
- Exceeds requirements in NEXT TIA/EIA 568-A test procedures
- Twists are maintained to within 1/2" (12.7mm). Per Category 5e installation requirements
- Available in 7 standard colors for easy color coding or to complement any decoration
- Work in standard Keystone opening
- Small high-density configuration, so you can mount more jacks in plates
- Beryllium copper contacts for superior connectivity
- IDC contact design eliminates need to strip individual conductors
- Insulation displacement contacts (IDC) ensure highest quality, highest reliability termination available
- Can be re-terminated a minimum number of 250 times

### Keystone Jack

Part Number	Description	Std. Pkg.	Qty.
NKSJ-WE	Standard Keystone for use in all Standard		1
NKSJ-BK	Keystone style outlets and patch panels.		1
NKSJ-RD	Keystone style outlets and patch panels.		1
NKSJ-YW	Keystone style outlets and patch panels.		1
NKSJ-GN	Side panels are color coded for T568A		1
NKSJ-BE	Side panels are color coded for T568A		1
NKSJ-OE	Side panels are color coded for T568B wiring schemes.		1

### Applications

- ◆ 1,000 Mbps Gigabit Ethernet (IEEE 802.3Z)
- ◆ 622 Mbps ATM
- ◆ 155 Mbps ATM
- ◆ 100 Mbps TP-PMD
- ◆ 100 Mbps Fast Ethernet (IEEE 802.3u)
- ◆ 100 Mbps CDDI
- ◆ 10 Mbps Ethernet (IEEE 802.3)
- ◆ 4 Mbps & 16 Mbps Token-Ring (IEEE 802.5)
- ◆ ISDN
- ◆ Analog voice

### Physical Specifications

- ◆ Apply UL-94V high-impact, fire-retardant ABS material
- ◆ Beryllium copper contact: 50- $\mu$  gold-plated pins over 100- $\mu$  nickel layer
- ◆ Insertion life cycle: 1,000 cycles (minimum) / I.D.C. 250 cycles (minimum)
- ◆ Plug & jack contact force: 100 g.
- ◆ Take IDC (Insulation Displacement Connector) 22~26 AWG wires
- ◆ Plug retention force: 30 lb. (minimum)
- ◆ Feature staggered plug contacts
- ◆ Include dust covers for dust and dampness protection
- ◆ FCC Part 68, UL certified

### Electrical Specifications

- ◆ Insulation Resistance: 500M. $\Omega$
- ◆ Contact Resistance: 20M. $\Omega$
- ◆ Current rating: 1.5 Amps
- ◆ DC Resistance: Max.0.1 $\Omega$
- ◆ Dielectric Withstand Voltage: 1,000VAC RMS @60Hz/1 min

- ◆ Color Options: White, Black, Red, Yellow, Green, Blue, Orange

### Installation Procedures:

The above installation procedures are based on EIA/TIA 568B wiring scheme. Please refer to [www.nex1.com.tw](http://www.nex1.com.tw) for EIA/TIA 568A.

