

# Category 6 UTP 90 Degree Keystone Jack

Category 6 Unshielded Twisted Pair 90 Degree 110 IDC Keystone Jack

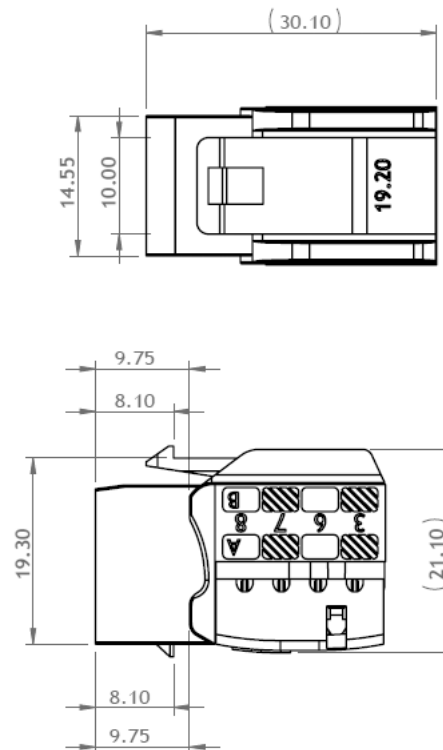
Infinique's Category 6, 90 Degree 110 IDC Keystone Jacks ensure high performance and easy installation. They are of universal design and support both T568A & B wiring. Electrical performance of these jacks are guaranteed to meet or exceed the category 6 channel specification. The 110 IDC terminations allow for quick and easy termination of 22 to 26 AWG cable.

The additional bend limiting strain relief cover provides cylindrical support to limit the bend radius at the point of termination. These high quality keystone jacks can be snapped into any of Infinique's face plates and floor mount brackets.

## Features and Benefits

- Compliance**  
 Complies performance as per ANSI/TIA-568-C.2 and ISO/IEC 11801 standards
- Reliable Performance**  
 Electrical performance guaranteed to meet or exceed the channel specifications of ANSI/TIA-568-C.2 and ISO/IEC 11801 of Category 6
- Superior Design**  
 Slim Profile with Dust Covers, Bend Limiting Strain Relief, 90 Degree 110 IDC, High Impact Flame Retardant Plastic Compound, RoHS Compliant
- Performance Warranty**  
 Qualifies for the Infinique's 25 Years System Performance Link Warranty

## KEYSTONE JACK CONSTRUCTION



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## ELECTRICAL SPECIFICATIONS

Current Rating	1.5Amp max
Dielectric Strength	1000 V, AC RMS, 60 Hz/1min
Contact Resistance	20 mohm
Insulation Resistance	500 Mohm
Voltage Rating	150 VAV max
Temperature	-40°C ~ 70°C

## MATERIAL SPECIFICATIONS

RJ45 8-Pin Connector	FCC part 68, subpart F and IEC-60603-7 Compliant
Spring Wire	Phosphor Bronze with 50µ" Gold over 100µ" Nickel Undercoat
Durability	750 mating cycles
IDC Connector	IDC Connector
Terminations	Terminates 22~26 AWG (0.64~0.41 mm)
Insulation Diameter	0.70~1.40 mm
110 Contacts	200 terminations
Connector	Phosphorous Bronze with 150µ" Tin-Lead over 50µ" Nickel undercoat
Jack Housing	Polyphenylene Oxide, UL94V.0
Dust Cover and Strain Relief	Polycarbonate, UL94V.0

## STANDARDS/COMPLIANCE

Meets ANSI/TIA/EIA-568-C.2 Category 6 with the applicable electrical transmission characteristics  
Meets TIA/EIA TSB-40 requirements  
Meets ISO/IEC Generic Cabling Standard 11801:2002 ed.2.0  
Meets CENELEC Generic Cabling Standard EN50173 – 1:2002  
RoHS Compliant

## TYPICAL APPLICATIONS

100BASE-TX Fast Ethernet  
Token Ring  
1000BASE-T Gigabit Ethernet  
155 Mbps ATM  
Composite Video  
622 Mbps ATM

## ORDERING INFORMATION

Part Number	Description
INKJ6D90WH	Category 6 UTP 90 Degree 110 Keystone Jack, White Color
INKJ6D90GY	Category 6 UTP 90 Degree 110 Keystone Jack, Grey Color

Delivery: One Modular Jack and One Strain Relief per bag.  
Packaging: 1) Bag - 1 Jack; 2) Carton - 50 Jacks



Infinique, a Canadian company is a manufacturer of high performing end-to-end solutions in copper, fiber and video surveillance systems. For more information visit our website at [www.infinique.com](http://www.infinique.com) or email us at [sales@infinique.com](mailto:sales@infinique.com).