

## Cat 6 UTP Keystone Jack



### Description

Genius's Keystone-Type Jacks are cost-effective building blocks for your cabling system. The jacks can be used with both communications outlets and patch panels to maximize the flexibility of your inventory. Designed for superior performance, this keystone jack is available with Shutter and Non-Shutter in standard multiple colors to match housing or allow color-coded port designation in compliance with TIA-606 requirements. These keystone jacks make it easy to color-code for easy network identification, distinguishing between Data, Voice and PoE. Includes 110-type IDC termination with strain relief caps, and comes standard with 50µ inch gold plating on the jack contacts.

### Features

- Compact design, support 24 keystones in 1 row, 1U
- Unscreened Category 6 RJ45 Keystone Jack characterized up to 250 MHz, 100Ω
- Conforms to ANSI/TIA/EIA-568-C.2, ISO/IEC 11801 and CENELEC EN50173 (200x) for Category 6/CLASS E with the applicable electrical transmission characteristics
- Simple labor-saving termination using standard 110 Block termination and Krone tools
- Keystone jack, 8 positions and 8 conductors
- Supports solid 23-26 AWG wire
- Available in Cat6, T568A/B wiring, meet or exceed TIA/EIA Cat6 requirements
- Adjustable protective strain relief
- Simple assembly and installation for reliable performance
- Easy to be terminated, low attenuation loss and high return loss
- Compatible with a variety of international faceplates and patch panels, as per IEC 60603-7 (603-7)
- Available in standard multiple colors with Shutter and Non-Shutter

### Specifications

#### Electrical Specifications

Standard	Performance Requirements
ANSI/TIA/EIA-568-C.2, ISO/IEC 11801 and CENELEC EN50173 (200x) for Category 6/CLASS E	Meets all Channel and Permanent link performance electrical requirements for CAT6 application. Tested 100% to ensure NEXT, FEXT, RL performance exceeding standards.

### Reference Standards:

- RoHS Compliant
- ISO/IEC 11801 ; ANSI/TIA/EIA -568-C.2
- EN 50173 -1:2011; EN 50173 -2:2007 including amendment A1:2010
- IEC 60603-7-4:2010 (Ed. 2.0); IEC 6051 -99-001:2012 (Ed. 1.0)
- IEEE 802.3 PoE+

### General Material

- RJ45 Jack
  - Housing : ABS+PC, UL 94-V0, with Black Color
  - Contact Bracket : PC, UL 94-V2, transparent color
- RJ45 Jack Contact
  - Material : Phosphor bronze with nickel plated
  - Finish : 50 micro -inch gold plated on plug contact area
- IDC
  - Housing : PC, grey color, UL 94V-2
  - Terminal : Phosphor bronze with tin plated
- IDC Cap : PC, UL 94-HB, white color
- Shutter : ABS+PC, UL 94-V0, white color
- PCB : FR4, UL 94V-0
- Flammability : Conforms to UL 94V-0
- Standards : Jack openings comply with IEC 60603-7 and FCC 68.500

### Ordering Information

P/N	Description
GC6KYUTPBK	Genius Cat 6 UTP keystone Jack Black
GC6KYUTPBL	Genius Cat 6 UTP keystone Jack Blue
GC6KYUTPRD	Genius Cat 6 UTP keystone Jack Red
GC6KYUTPWH	Genius Cat 6 UTP keystone Jack White
GC6KYUTPYL	Genius Cat 6 UTP keystone Jack Yellow

