

## CAT6A UTP Toolless Keystone Jack, C/H

Copper | Keystones | Cat 6A

Genius Cat 6A UTP Keystone Jacks are part of the Cabling System, featuring enhanced Category 6A performance and operates at a maximum frequency of 500 MHz, and have a maximum distance of 100 meters.

Designed to support high-speed protocols running at up to 10 Gb/s data rates such as 10 Gigabit Ethernet.

The jacks can be used with both communications outlets and patch panels to maximize the flexibility of your inventory. Due to their small size, the keystones are particularly suitable for high density applications and they fit almost every available faceplate.

### KEY APPLICATIONS

10 Gigabit Ethernet 10GBASE-T  
Gigabit Ethernet 1000Base-T  
HDBaseT  
Voice, T1, ISDN  
Power over Ethernet (PoE)

### KEY FEATURES

- Compact design
- High performance supports Category 6A performance specifications up to 500 MHz
- Confirms to Category 6A Connecting Hardware Requirements
- Simple labor-saving termination, tool free
- Support solid or stranded 22-24 AWG wires
- Protective strain relief caps
- Designed for high density applications
- Simple assembly and installation for reliable performance
- The jacks fit in standard openings as per IEC 60603-7
- Available in 8 colors :



- Verified to ANSI/TIA-568.2-D Category 6A



## TECHNICAL SPECIFICATION

Performance	CAT6A per ANSI/TIA 568.2-D : 2018
Dimensions	Compliant to IEC 60603-7
Housing Parts Material	PC+ABS Resin, UL 94V-0
Jack Contacts Material	Phosphor Bronze
Jack Contacts Plating	50 µin selective gold plate in contact area over Nickel plating
Wiring Scheme	T568A/B
IDC Contacts material & Plating	Phosphor Bronze with Nickel plating
IDC Contacts compatibility	22-24 AWG solid and stranded wires
Contact Force	100grms

## ELECTRICAL SPECIFICATION

Dielectric Strength	1000V RMS @ 60 MZ for 1 min
Current Rating	1.5A
Insulation Resistance	500 M-ohm Min
Max Contact resistance	20 mOhm
Termination Resistance	2.5 mOhm
Insertion Life	≥ 750 mating cycles (plug in/out)
Durability	30Termination cycles
Plug Retention Force	11 lbf ( 5kg)

## Temperature Range

- Installation Temp : -10 degree to + 60 Degree
- Storage Temp : -40 degree to + 70 Degree
- Operating Temp : -10 degree to + 60 Degree
- Humidity : 10% - 90% RH

P/N	DESCRIPTION	
GCTKYUTBK	Genius Cat 6A UTP keystone Jack Toolless Black	●
GCTKYUTYL	Genius Cat 6A UTP keystone Jack Toolless Yellow	●
GCTKYUTWH	Genius Cat 6A UTP keystone Jack Toolless White	○
GCTKYUTRD	Genius Cat 6A UTP keystone Jack Toolless Red	●
GCTKYUTBL	Genius Cat 6A UTP keystone Jack Toolless Blue	●