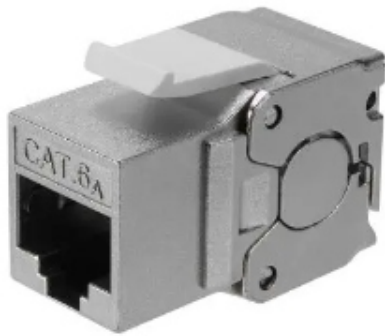


## Cat 6A Keystone STP Jack, C/H

Copper | Keystone Jacks | Cat 6A



Genius Cat 6A Shielded Keystone Jack is a cost-effective building block for your cabling system. The jack can be used with both communications outlets and patch panels to maximize the flexibility of your inventory.

The jack is compatible with a wide range of standard international faceplate and patch panels. The jack supports both solid and stranded cables, and fits in standard IEC 60603-7 openings.

### STANDARDS COMPLIANCE

ISO/IEC 11801  
ANSI/TIA-568.2-D : 2018  
IEC 60512-99-002 : 2019  
IEC 60603-7-51  
IEEE 802.3bt PoE++ (4PPoE)  
RoHS Compliant

### PRODUCT FEATURES

- Slim design, supports 24 keystones in 1 row, 1U
- Tool-Less
- High performance, supports Category 6A performance specifications up to 500 MHz
- Conforms to Connecting Hardware requirements as per: ANSI/TIA/EIA-568.2-D, for Category 6A/CLASS EA, ISO/IEC 11801-1:2017 (Ed. 1.0)
- Supports solid or stranded 22-24 AWG wires
- Compatible with horizontal cables of up to 9.0 mm outer diameter
- Simple assembly and installation for reliable performance
- Compatible with a variety of international faceplates and patch panels IEC 60603- 7
- Designed to comply with IEC 60512-99-002 standard, for supporting PoE, PoE+ and PoE++ applications (IEEE 802.3bt , Type 4, 100W)



## TECHNICAL FEATURES

RJ45 Jack Housing	Zinc die-casting with nickel plated
RJ45 Jack Contacts	Phosphor bronze with nickel plated
RJ45 Plug Contact Finish	50µin gold plated over contact area
IDC Contacts	Phosphor bronze with Nickel Plating
Max Mating /Unmating Force	30 N
Contact Force	100 grms
Flammability	Conforms to UL 94V-0
Standards	Jack openings comply with IEC 60603-7
Bracket Material	Nickel Silver Alloy

## 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
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

## ORDERING INFORMATION

P/N	DESCRIPTION
GCTKYSTNA	Genius Cat 6A STP keystone Jack Toolless