



RiT SMARTen (Cat 6A) UTP Keystone Jacks are part of the RiT SMARTen 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)

## STANDARDS COMPLIANCE

ISO/IEC 11801  
ANSI/TIA-568.2-E:2024  
IEC 60512-99-002 : 2019  
IEC 60603-7-51  
IEEE 802.3bt PoE++ (4PPoE)  
RoHS Compliant

## 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 23-26 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 :



- EC Verified to ANSI/TIA-568.2-E:2024 Category 6A
- UL Listed

## 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 |
| Jack Contacts Durability        | ≥ 750 mating cycles (plug in/out)                               |
| Jack Contact resistance         | ≤ 20 mΩ   |
| Wiring Scheme                   | T568A/B   |
| Plug to Jack Pull strength      | 7.7 Kg (Intermediate)   |
| IDC Contacts material & Plating | Phosphor Bronze with Tin plating                                |
| IDC Contacts compatibility      | 23-26 AWG solid and stranded wires                              |

## ORDERING INFORMATION

| P/N       | DESCRIPTION  |
|-----------|--|
| R3110672A | SMARTen(CAT6A) Keystone Jack, UTP, Tool Free, CH, 568A+B, Black ●  |
| R3111672A | SMARTen(CAT6A) Keystone Jack, UTP, Tool Free, CH, 568A+B, Purple ● |
| R3113672A | SMARTen(CAT6A) Keystone Jack, UTP, Tool Free, CH, 568A+B, Yellow ● |
| R3114672A | SMARTen(CAT6A) Keystone Jack, UTP, Tool Free, CH, 568A+B, Green ●  |
| R3116672A | SMARTen(CAT6A) Keystone Jack, UTP, Tool Free, CH, 568A+B, White ○  |
| R3117672A | SMARTen(CAT6A) Keystone Jack, UTP, Tool Free, CH, 568A+B, Gray ●   |
| R3118672A | SMARTen(CAT6A) Keystone Jack, UTP, Tool Free, CH, 568A+B, Red ●    |
| R3119672A | SMARTen(CAT6A) Keystone Jack, UTP, Tool Free, CH, 568A+B, Blue ●   |