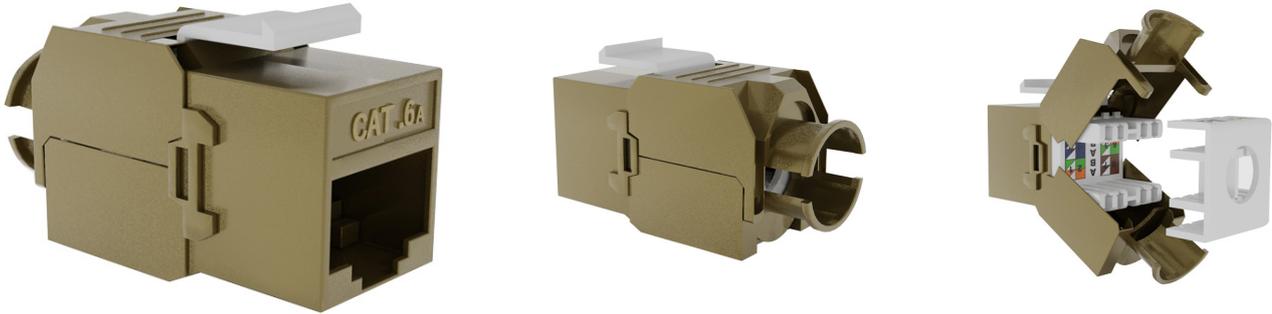


## Cat6A RJ-45 Shielded Slimline Tool-less Keystone Jack

**JKC6ASHTL**



### DESCRIPTION

The CERTECH Cat 6A shielded RJ45 keystone jacks feature a tool-less style termination to reduce termination time, fully enclosed IDCs for optimum performance and reliability, and dual earth connection points to ensure a robust, reliable connection. When combined with a CERTECH Cat 6A shielded cable and installed by a CERTECH certified installer, the permanent links exceed the performance criteria outlined in AS 11801 (1-6) and can be certified for a 25 year warranty under the CERTECH 25 year warranty program.

### STANDARDS

- S008 (Australian)
- AS 11801 (1-6) (Australian)
- ANSI/TIA-568.2-D (North American)
- IEC 60603-7:2020 (International)
- UL 1863 (International)

### Power over Ethernet (PoE)

| Name  | IEEE Standard         | Power at Port | Current/Disconnection under load |
|-------|-----------------------|---------------|----------------------------------|
| PoE   | IEEE 802.3af          | 15.5          | Compliant                        |
| PoE+  | IEEE 802.3at          | 30W           | Compliant                        |
| PoE++ | IEEE 802.3bt (Type 3) | 60W           | Compliant                        |
| PoE++ | IEEE 802.3bt (Type 4) | 100W          | Compliant                        |

### FEATURES

- UL safety listed
- DELTA and ETL verified Cat6A component rated performance
- Power over HDBaseT (PoHDBaseT - up to 100W)
- Performance conforms to ANSI/TIA568.2-D and AS/CA 11801 (1-6)
- 180° cable exit
- Tool-less termination
- RoHS and REACH compliant
- Fully enclosed IDCs
- Fully shielded design optimizes shield effectiveness protection from EMI and alien crosstalk
- Provides verified, high speed 10GB (Class Ea) channel solution for Local Area Networks



DESIGNED AND MANUFACTURED TO AUSTRALIAN STANDARDS AND CONDITIONS

# SPECIFICATION

|                   |                        |   |
|-------------------|------------------------|---|
| RJ45 Jack         | Housing:               | Zinc Die-Casting with Nickel plated   |
|                   | Contact Bracket:       | PC, UL 94-V2, Transparent colour  |
| RJ45 Jack Contact | Material:              | Phosphor bronze with nickel plated  |
|                   | Finish:                | 50 micro-inch gold plated on plug contact area  |
| IDC               | Housing:               | PC+Glass Fiber, UL 94-V2  |
|                   | Terminal:              | Phosphor Bronze with tin plated   |
|                   | Cap for toolfree:      | PC+Glass Fiber, white colour, UL 94-V2  |
|                   | Clip:                  | Stainless Steel   |
|                   | Grounding Contact:     | Zinc Die-Casting with Nickel plated   |
|                   | PCB:                   | FR4, UL 94-VO   |
| Performance       | Wiring                 | T568A & T568B   |
|                   | Insertion Force:       | 30N max. (IEC 60603-7-5)  |
|                   | Retention Strength:    | 7.7 kg between plug   |
|                   | Operating Temperature: | - 10°C to 60°C (ISO/IEC 11801, ANSI/TIA 568C.2)   |
|                   | IDC:                   | Suitable for 23-26 AWG solid wire, conductor  |
|                   | Tool-less:             | Using the IDC Cap for wire management   |
|                   | Transmission:          | The Cat.6A (class Ea) performance complies with ANSI/TIA 568 C.2 and AS11801(1-6) standards |

