

## PRODUCT DATA SHEET

### Category 6A UTP Keystone Jack

#### Introduction :

Cat6A keystones represent a pivotal component within modern networking infrastructure. They serve as essential building blocks, enabling high-performance data transmission and reliability.

#### Performance Characteristics :

**Bandwidth :** Supports up to 500 MHz bandwidth.

**Data Rate :** Capable of handling 10 Gigabit Ethernet (10GBASE-T).

**Alien Crosstalk :** New designed diamond shaped IDC and loading bay for superior Alien Crosstalk performance.

**Backward Compatibility :** Compatible with older Ethernet standards, ensuring seamless integration into existing networks.

#### Key Applications :

**Wi-Fi 6, 6e and 7 Deployments :** Supports the high data rates required for access points, enabling seamless connectivity in dense wireless environments.

**10Gig Data Applications :** Ensuring smooth performance for bandwidth-intensive tasks.

**4K/8K Video Streaming :** Suitable for transmitting high-resolution video content without latency or loss of quality.

**Data Centres :** Reliable, high-speed connectivity for server-to-server communication and storage area networks (SANs).

**IP Security Cameras :** Provides sufficient bandwidth and power for high-definition IP cameras, facilitating clear and uninterrupted video surveillance.

**VoIP Telephony :** Ensures clear and reliable voice communication in Voice over IP (VoIP) systems.

**IoT :** Cat6A's higher bandwidth supports high-definition video surveillance cameras and real-time video conferencing systems, ensuring reliable connectivity and smooth operation of critical office infrastructure.



### Product Specifications

Jack Contacts » Phosphor Bronze plated with 50 micro-inch to gold

Modular » Cat6A UTP jack modules snap in and out of all Globalsix Surface Mount Boxes, Faceplates and Modular Patch Panels, for easy and convenient moves, additions and changes

RJ45 Interface » Industry standard interface provides a quick and easy plug and play connection to RJ45 patch cords and is backwards compatible

Re-Termination cycles of up to 750 times

Cat6A / Class EA Component Performance » Exceeds component requirements of ANSI/TIA-568-D:2018 Category 6A and ISO 11801 Class EA standards at swept frequencies 1-500MHz

### Part Numbers

Model No :

Description :

G6JA-C6A-UTP-BK

Globalsix 180 deg Cat6A Keystone Jack Blk

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