

PRODUCT DATA SHEET

Category 6A Shielded 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.

Shielding : Provides improved electromagnetic interference (EMI) protection

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 of gold over 100 micro-inch of nickel.

Modular » Cat6A STP 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-FTP-SR-N

Globalsix Cat6A Shielded Keystone Jack

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