

PRODUCT DATA SHEET

Category 6 UTP Keystone Jack



Introduction :

Cat6 keystones represent a fundamental component in modern networking infrastructure, embodying the evolution of Ethernet connectivity. Serving as crucial elements within structured cabling systems, Cat6 keystones facilitate reliable and high-speed data transmission, ensuring harmonious connectivity in diverse digital environments.

Performance Characteristics :

Bandwidth : Supports up to 250 MHz bandwidth.

Data Rate : Capable of handling Gigabit Ethernet speeds (up to 1 Gigabit per second).

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

Key Applications :

Wi-Fi 5 Deployments : Supports the high data rates required for access points, enabling seamless connectivity in dense wireless environments.

Gigabit Ethernet Networks : Ideal for businesses and organizations requiring high-speed network connectivity for everyday operations.

LAN Installations : Commonly used for local area network (LAN) installations in offices, schools, and homes, providing reliable connectivity for computers, printers, and other devices.

Streaming Media : Suitable for streaming high-definition multimedia content, including video, audio, and online gaming, with minimal latency and interruptions.

IP Telephony : Supports Voice over IP (VoIP) telephony systems, delivering clear and reliable voice communication for businesses and call centres.

Surveillance Systems : Well-suited for IP-based surveillance systems, allowing for the transmission of high-quality video feeds from security cameras over the network.

Cost Effective Solution : Cat6 is a cost-effective solution for organizations looking to upgrade their legacy network infrastructure to support increasing data demands.

IoT : With Cat6 cabling, sensors embedded in office equipment, lighting systems, and HVAC systems can seamlessly communicate data to central control systems, optimizing energy usage and enhancing comfort for occupants.

Product Specifications

Housing High Impact » Flame retardant plastic, UL94V-2 rated

Jack Contacts » Phosphor Bronze plated with 50 micro-inch of gold over 100 micro-inch of nickel

IDC Contact » Phosphor Bronze with 100 micro-inch Tin

Modular » Cat6 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

Cat6 / Class E Component Performance » Exceeds component requirements of ANSI/TIA-568-D:2018 Category 6 and ISO 11801 Class E standards at swept frequencies 1-250MHz

Part Numbers

Model No :

Description :

G6JA-C6UTP-BK

Keystone Cat6 Black

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