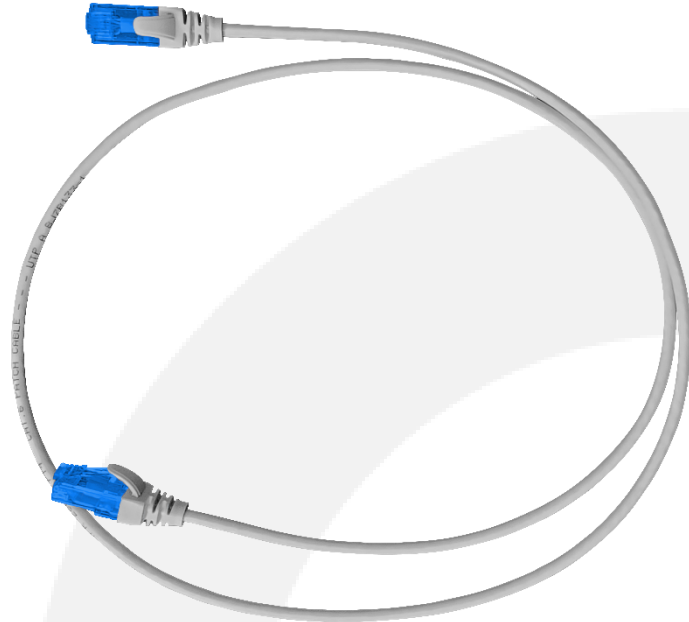


PRODUCT DATA SHEET

Category 6 U/UTP Slim Patch Cord



Product Specifications

Cable Construction » Cat6 U/UTP Stranded Bare Copper

Conductor » 8 Copper wires 28 AWG

Insulation » High Density polyethylene

Cable Diameter » 3.9mm±0.2mm

Contact » 50µ Gold Plated Over 120µ" Nickel Plated

Molded Boot Material » Fire Retardant PVC Compounds

Fire Resistant » CM

Twisted 4 Pair » White / Blue – White / Orange – White / Green – White / Brown

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

Introduction :

Cat6 slim patch cords stand as essential links within contemporary networking setups, facilitating the seamless transmission of data between network devices. These cords represent the backbone of Ethernet connectivity, providing reliable and efficient connections in various high density networking environments, from small offices to large-scale enterprise deployments.

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.

Features :

Slim and Space-Saving Design : The smaller diameter (often 28 AWG) reduces the bulk of traditional patch cords, helping to save space in dense cabling environments like data centres and network closets.

High Performance : Supports Gigabit Ethernet speeds up to 1000 Mbps, making them suitable for high-speed data transmission and modern network applications.

Reduced Cable Weight : Due to their smaller size, slim patch cords weigh less, reducing strain on patch panels, racks, and network equipment, which can prevent potential damage or stress on the infrastructure.

Improved Airflow : Slimmer cables contribute to better airflow in network racks and cabinets, helping to maintain optimal cooling and reduce the risk of overheating network equipment.

Enhanced Flexibility : The smaller diameter makes the cable more flexible, making it easier to install in tight spaces, and allowing for cleaner routing and more organized cable bundles.

Part Numbers

Model No :

Description :

G6PCSL-C6U-XM-GY

Cat6 U/UTP Slim Patch Cord

- X – Length : 0.5m, 1m, 2m, 3m, 5m, 10m

Globalsix - Johannesburg

82 Schooner Street,
Laser Park,
Johannesburg,
South Africa

Contact No : +27 (0) 11 794 8301

Globalsix - Cape Town

Unit 1, Garnet Park,
6 Drill Avenue,
Montague Gardens,
Cape Town

Contact No : +27 (0) 21 555 2594