

## Data Center CAT.6A Unshielded (UTP) 28AWG Slim Ethernet Network Patch Cable

Our Product Introduction

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### Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: FIBERMANIA
- Certification: CE, ISO, RoHS
- Model Number: PC-6AUBSGNP
- Minimum Order Quantity: 1000 Pieces
- Price: Negotiable
- Packaging Details: Ziplock Bag in Carton
- Delivery Time: 20~25 Days
- Supply Ability: 10000 Pieces per month



### Product Specification

- Application: Local Communication Cable
- Cable Type: Cat6A Slim
- Conductor Material: Copper
- Conductor Type: Stranded
- Material Shape: Round Wire
- Shielding Type: Unshielded (UTP)
- Gauge (AWG): 28AWG
- Twisted Pairs: 4 Pairs
- Wire Scheme: T568B, Straight
- Cover Material: PVC
- Data Rate Support: 10GBase-T
- Highlight: **CAT.6A UTP Cable,  
Data Center CAT.6A UTP Cable,  
CAT.6A Network Patch Cable**



### More Images

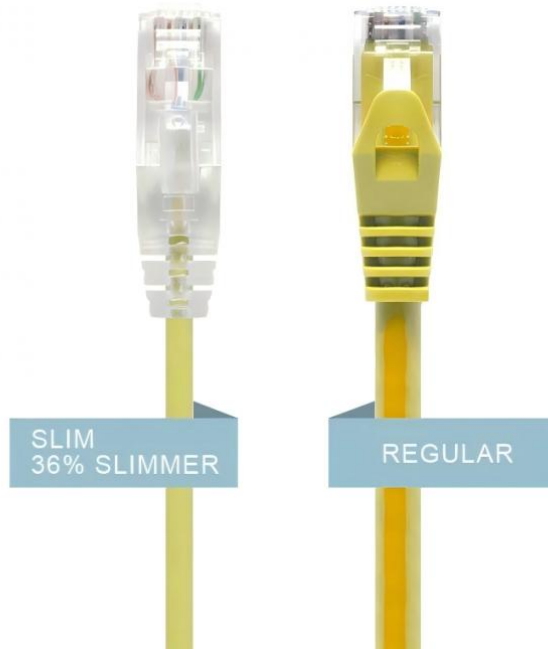


## Product Description

### Data Center CAT.6A Unshielded (UTP) 28AWG Slim Ethernet Network Patch Cable

CAT.6A UTP Slim Patch Cable is a Category 6A unshielded twisted pair cable that supports data transmission rates of up to 10Gbps, with a bandwidth frequency of 500MHz, enabling high-speed data transmission within a distance of 100 meters. Compared to traditional CAT.6A cables, Slim Patch Cable has a finer wire diameter. Usually, regular CAT.6A cables use 24AWG wire gauges, while Slim CAT.6A cables generally use 28AWG wire gauges, which means that the diameter of Slim CAT.6A cables is significantly smaller than that of regular CAT.6A cables. The outer diameter of Slim CAT.6A cables is about 3.8mm, while the outer diameter of regular CAT.6A cables is about 6.1mm, almost reducing the size by 40%. Due to its finer design, Slim CAT.6A cables take up less space, which can improve airflow and equipment cooling in data centers. This is particularly important for machines with large chassis and also helps with equipment maintenance. It is a high-performance, ultra-thin Ethernet cable designed for modern digital environments, suitable for various scenarios that require high-speed data transmission and space saving.

FiberMania's 10 Gigabit Ethernet Ultra Thin Cat6a unshielded patch cables are designed for high density, high-performance networks in the data center or where space, maximum speeds, and reliability are required. It consists of an RJ45 male on one end and an RJ45 male on the other. It is typically used for 10Gb Ethernet network connections such as patch panels, switches, computers, and routers. Its ultra-thin cable design works perfectly in high-density server room applications.

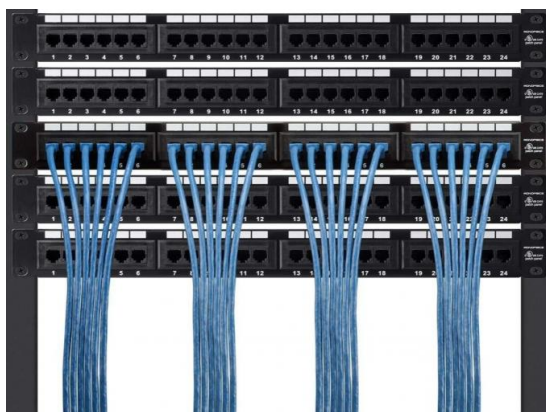


#### Features:

1. Cable diameter 3.8mm, optimize the space in high-density environments
2. 28AWG 4-pair stranded bare copper wires
3. RJ45 plug with 50-micron gold plating contacts
4. Snagless boot design
5. Pass Fluke Channel Test and Component Test
6. RoHS compliant
7. Supports 10 Gigabit Ethernet

#### Applications:

1. 10GBASE-T Ethernet
2. Backbone aggregation
3. Datacenter I/O Consolidation
4. Digital video and broadband/baseband analog video
5. Voice over Internet Protocol (VoIP)



#### Specification:

Product	CAT5E/CAT6/CAT6A/CAT7/CAT8 Patch Cord
Shielding Type	UTP/FTP/UFTP/SFTP/FFTP/SSTP

Conductor	1/2/4 Pairs
Conductor Material	Stranded Bare Copper
Connectors Type	RJ45 plug with 50 micron gold plating contacts
Jacket Material	PVC/LSZH/PE
Color Option	Grey, Blue, Green, Red, White, Black, Yellow, Orange or customized
Length	1-100M or customized
Flammability Grade	CM, CMR, CMP
AWG	23/24/26/28/32/36AWG
Wiring	T568A/T568B
Certification	ISO9001/UL/ETL/CE/RoSH



#### FAQ

Q1: What is the warranty of FiberMania's fiber patch cord?

A: FiberMania warrants that all fiber patch cords supplied are free from defects in material and workmanship for a period of five (5) years from the date of supply. All fiber optic bulk cables are UL profiled and every single cable is 100% tested.

Q2: Is it possible to customize our brand information on your fiber cable?

A: Yes, we can print your brand name onto our cable jacket and 1KM total cable length is requested.

Q3: Can you do 3D interferometer test?

A: Yes, we do the 3D test per our customer's request, we can have the pass rate over 90% and even 100% if necessary.

Q4: What is your MOQ of your products?

A: We only have MOQ for some special customized cable order, we request 1km as the total length of the bulk cable, you may consider stock the bulk cable with us for your urgent order production.

Q5: Are free samples available from you?

A: Yes, we are always happy to offer the free samples for all of our customers' projects provided that the total cost is under 50 US dollars.

Q6: Do you accept OEM and ODM orders?

A: Absolutely yes, we have been doing OEM services since we start in this business, and for every single label, printing, bag and carton design, we always treat it seriously and do it nicely. Our engineers can help you with your current design and even can open the new tooling for your specific project.



**FIBERMANIA** Shenzhen FiberMania Technology Co., Ltd.



17704025189



sales@fiber-mania.com



optical-fibercables.com

3F, Building A2, Yinlong Industrial Park, Longdong, Longgang District, Shenzhen, China, 518116

