

What are the types of SC-type fiber optic patch cords



Article Overview

SC fiber optic patch cords are available in simplex and duplex configurations, and in single-mode or multimode fibers, each suited for specific network applications.

Overview of SC Patch Cords

SC (Subscriber Connector or Square Connector) patch cords are widely used in fiber optic networks due to their low cost, ease of installation, and reliable plug-in design. They feature a 2.5mm ferrule and a rectangular snap-in connector, commonly used in FTTH, CATV, and PON networks. SC connectors do not require rotation to secure, unlike ST or FC connectors, making them user-friendly for field installations.

Types by Fiber Mode

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Single-Mode SC Patch Cord (SM, OS1/OS2)

- Core diameter: $\sim 9\mu\text{m}$
- Supports long-distance transmission with low attenuation
- Typically has a yellow jacket
- Ideal for telecom, long-haul networks, and data center interconnects

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Multimode SC Patch Cord (MM: OM1/OM2/OM3/OM4/OM5)...

Article Content

Fiber Optic Cable Types Explained: Choosing the Right Fiber Cable

Fiber optic patch cords come with various connector types, each designed to meet different performance and application needs.

Fiber Optic Patch Cable Directory

These fiber optic patch cords are terminated on either end with fiber optic connectors. The cords can be made with the same

Fiber Patch Cord Types Prices & Technical Specifications

Fiber patch cord is a type of fiber optic cable that is used to connect one device to another for the purpose of transmitting optical

Fiber Optic Patch Cables

Fiber optic patch cords are used for short distance installations that connect to patch panels, switches and telco equipment. We

Fiber Optic Patch Cord Types: SC/LC/FC/ST Connectors, APC/UPC

Find high-quality fiber patch cords from Zion Communication - SC/LC/FC/ST types with APC/UPC polish, simplex/duplex styles, from

Fiber Optic Connector Types Explained | FiberCablesDirect

Fiber optic connectors are an essential component of any fiber optic network, allowing for the connection and transmission of optical

Contact Us

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