

Sc Black Fiber Optic Patch Cord



Overview

About this item Universal Compatibility: Fiber optic cable works with major ISPs like AT&T Fiber, Verizon Fios, and Google Fiber.

Key Takeaways

A black SC fiber optic patch cord is a high-performance cable with SC connectors on both ends, available in single-mode or multi-mode variants, used for reliable optical signal transmission in networking and telecom applications.

SC (Subscriber Connector) fiber optic patch cords are designed to connect optical devices, network switches, and patch panels. They consist of tight-buffered fibers housed within an outer jacket, typically in black for easy identification and indoor use. These cords are available in single-mode (OS1, OS2) and multi-mode (OM1, OM2, OM3, OM4) variants, supporting different bandwidth and distance requirements.

Key Features

- Connector Type: SC connectors on both ends, simplex or duplex, with low insertion loss and high return loss performance.
- Cable Jacket: Black outer jacket, often made of PE or LSHF plastic, suitable for indoor applications.
- Length Options: Common lengths range from 1 meter to 10 meters or more, customizable depending on installation needs.
- Standards Compliance: Meets Telcordia GR-326-CORE and IEC 874-1 standards for optical connectors and jumper assemblies.

- Applications: Ideal for data centers, enterprise networks, telecom systems, and fiber distribution frames. They are used for connecting devices within racks or between racks, and for maintenance or network expansion .

Advantages

- High Performance: Low insertion loss ensures minimal signal degradation.
- Flexibility: Suitable for tight spaces and easy routing in patch panels.
- Durability: Black jacket provides protection and easy identification in complex cabling environments.
- Compatibility: Works with a wide range of SC-compatible devices and equipment .

Purchasing Options

SC black fiber optic patch cords are widely available from suppliers such as Norden Communication, Amazon, FiberCablesDirect, and EFB-Elektronik. They can be purchased in single or bulk quantities, with options for custom lengths and connector types . Prices vary depending on fiber type, length, and quantity, with multi-mode options generally more cost-effective for shorter distances and single-mode preferred for long-distance or high-speed applications . In summary, a black SC fiber optic patch cord is a versatile, high-quality solution for connecting optical networks, offering reliable performance, flexibility, and compliance with industry standards.

Article Content

Fiber Optic Patch Cables: FC, SC, ST & LC Connector Guide 2026

Not sure which fiber optic patch cable to buy? This practical guide breaks down FC, SC, ST, and LC connectors—with

SC Fiber Patch Cables

OM2 SC to SC Indoor/Outdoor 50/125 Multimode Duplex fiber optic patch cable.

Fiber Patch Cables SC/SC Single/Multimode OFNP

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Fiber Optic SCAPC Connector Included - SC APC Adapter included with each cable for easy extension or connection from your

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Fiber Optic Patch Cord

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3FT SC/APC to SC/APC Fiber Optic Cable, Armored Single Mode Patch Cord ...

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3 ft / 1M SC/APC to SC/APC Fiber Optic Patch Cable

About this item For Home Fiber Networks - Our Single mode fiber optic cables are perfect for industrial or Fiber in the home

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Fiber-optic patch cord

A fiber-optic patch cord is a fiber-optic cable capped at each end with connectors that allow it to be rapidly and conveniently

Standard Fiber Patch Cables Datasheet

Standard Fiber Patch Cables Applications Fiber optic patch cords are key components for efficient, low-loss optical

APC SC Fiber Optic Single Mode Cords | Cables For Less

The SC ends are polished to an 8-to-9-degree angle to prevent back reflections that can impede the light reflection and effect the

LC Fiber Patch Cables | Singlemode & Multimode with LC Fiber

OM3 LC SC Indoor/Outdoor Duplex Fiber Optic Patch Cable, 10Gb Multimode 50/125 corning optical fiber cord (10Gb up to 300

Indoor Outdoor Fiber Optic Cables

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Amazon : Fiber Optic Patch Cables

Armored SC/APC to SC/APC Fiber Optic Internet Cable 1 m 3 ft | Black 3.0mm OS2 Simplex LSZH Patch Cord for AT&T Fiber

Fiber Optic Patch Cables

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

SC/APC to SC/APC Fiber Optic Internet Cable, Armored Single Mode

Black Fiber Optic Internet Cable specially designed for needs of black application of home Fiber Optic Installers. We designed this

Fiber Optic Patch Cords | Singlemode & Multimode

Explore factory-tested fiber optic patch cords in LC, SC, FC and ST, with OS2, OM3 and

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Fiber Optic Patch Cord

We also provide OEM services including customized colors, cable printing, and packaging design for fiber

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All patch cords are manually tested and verified and each patch cable is individually sealed and labeled with measured optical

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

