

Single-mode dual-core fiber optic patch cord FC-SC



Overview

Single Mode Fiber Optic Patch Cables In addition to our stocked single mode patch cables, we offer a custom fiber optic patch cable service with many optio.

Key Takeaways

An ST to FC single-mode dual-fiber patch cord provides high-speed, low-loss optical transmission for telecom, data center, and enterprise networks.

Key Features

Fiber Type: Single-mode (OS2), 9/125 μm core/cladding, suitable for long-distance transmission with low attenuation.

Dual-

Fiber Configuration: Supports duplex or dual-core connections, enabling simultaneous bidirectional data transfer. Connectors: ST connector on one end and FC connector on the other, with precision ferrules for low insertion loss and high return loss. Jacket Material: Options include LSZH (Low Smoke Zero Halogen) for improved fire safety and minimal smoke emission, or PVC for standard applications.

Cable Diameter: Typically 2.0 mm for compact deployment in dense network environments. Performance: Maximum insertion loss around 0.

20 dB and minimum return loss of 50 dB, ensuring stable signal transmission.

Durability: Premium zirconia ceramic ferrules provide precise alignment and up to 500 mating cycles.

Applications

Telecommunications networks for long-distance optical links. Data centers requiring high-speed, low-loss connections. Enterprise networks where reliable duplex fiber connections are needed.

Replacement of PV

C (OFNR) cables with LSZH options for enhanced fire safety.

Advantages

Low signal loss and high return loss for stable network performance. Compact dual-fiber design suitable for dense cabling environments. High-quality connectors ensure long-term reliability and minimal maintenance.

Customizable lengths and jacket types to fit specific network requirements.

Suppliers

Optcore offers ST to FC OS2 single-mode duplex patch cables with LSZH jackets and tested performance for insertion and return loss. Bynet provides single-mode dual-fiber 2.0 mm FC-ST patch cords designed for high-speed, low-loss transmission in telecom and data center applications.

Thorlabs and Corning also provide single-mode patch cables with various connector options and custom configurations. This type of patch cord is ideal for users seeking reliable, high-performance fiber connections with long-term stability and safety in professional network environments.

Article Content

Single Mode Fiber Optic Patch Cables

In addition to our stocked single mode patch cables, we offer a custom fiber optic patch cable service with many options eligible for same-day shipment. Please

Single Mode Dual Core SC-FC Fiber Optic Patch Cord

Featuring excellent reliability, superior adaptability, and improved security, fiber patch cord has ranked the best choice for applications where conventional copper cables fail to reach.

Bynet Single-Mode Dual-Fiber 2.0mm SC-FC Patch Cord – High

Bynet Single-Mode SC-FC Patch Cord provides low-loss, high-stability transmission for long-distance and data center applications. Featuring G.652D fiber and precision connectors, it ensures excellent

A new choice for fast and stable network connections < ...

Huihong Era Fiber Optic Patch Cord Lc/Fc/Sc Multimode Gigabit Dual-Core Om3/Om4
10g Finished Fiber Optic Cable Single-Mode Dual-Core Pigtail Duplex Fiber Optic Line

Fiber Optic Cables | Fiber Patch Cables | Patch Cords,

Fiber Patch Cables, Multimode & Singlemode Duplex Fiber Optic Cables, Secure Order
Fiber Patch Cords, Preferred Mil. Edu. Gov. Pricing, Same Day Shipping

Fiber Optic Cable Supplier, Distributor

Stocking distributor of fiber optic installation tools, bulk fiber cables, fiber patch
cables, test equipment, cable management, fiber optic training and more.

Produsen kabel patch fiber optik | Pemasok kabel patch fiber optik ...

Kabel Patch Fiber SC ke LC Tak Terlihat Simplex G657A1 G657A1 OS2 9/125um Kabel
Patch Mode Tunggal Kabel Patch Taktis LC ke SC 4 inti Dalam Ruangan Biru LSZH
Kabel Lapis Baja Monomode

HOLIGHT Fiber Optic Manufacturer in China | Patch Cords

HOLIGHT is a global fiber optic manufacturer in China, providing patch cords,
adapters, terminal boxes and FTTH solutions for worldwide telecom projects.

bahrain-imported-dual-core-optical-cable-wholesale Manufacturer ...

All suppliers for bahrain-imported-dual-core-optical-cable-wholesale
Manufacturer/Producer Find wholesalers and contact them directly B2B marketplace
Find companies now!

palestinian-single-mode-telecom-grade-fiber-optic-patch-cord

17 Companies and suppliers for palestinian-single-mode-telecom-grade-fiber-optic-
patch-cord Find wholesalers and contact them directly Leading B2B marketplace
Find companies now!

4-Meter 9u/125u Fiber Optic Patch Cable Singlemode Duplex LC to SC

Hybrid Fiber Systems 4-Meter 9u/125u Fiber Optic Patch Cable Singlemode Duplex LC
to SC - Yellow SMD9-LC-SC-004 Performance series LC to SC 9/125 Duplex (Dual)
Singlemode fiber optic cables

Fiber Optic Pigtails: Uses & Differences from Patch Cords

Understand fiber optic pigtails — definition, types, and how they differ from patch
cords. Learn why pigtails ensure reliable, low-loss fiber terminations.

i-Net Networks 2000m 4-Core Singlemode Fiber Optic Cable, G652.D

Description for i-Net Networks 2000m 4-Core Singlemode Fiber Optic Cable, G652.D 9/125 Steel Armored Single Loose Tube LSZH (GYXTW) | RASLL-09-04 Fiber Optic Loose Tube Patch Cord

Ethernet Cables

Buy Ethernet Cables Online from Jumia Ghana - Choose from Our Collection of Ethernet Cables and Shop them at the best price. Enjoy Cash On Delivery | Secure Payment | Free Returns & more!

Single Mode FC/PC Fiber Optic Patch Cables

Thorlabs offers single mode patch cables with FC/PC connectors on both ends. Each cable is manufactured in our facility on state-of-the-art equipment.

Fiber Optic Patch Cord

Fiber optic patch cord is available in both singlemode and multimode versions. Both singlemode and multimode versions fiber optic patch cord come with a zirconia

1.5m Duplex Single Mode Double Cores Fiber Optic

Our offers a wide range of patch cords, designed and manufactured for demanding network applications. It comprises of multi-mode and single

Optical Fiber Patch Cables (Single Mode, Multimode & 10G)

Pre-terminated single mode, multimode, and 10G fiber patch cables with SC, ST, LC, MTRJ, FC, E2000, VF45 connectors. Mode conditioning, PM fiber, LSZH, reversed polarity.

Contact Us

Continue your research online:

Website: <https://metramarket.es>

Technical inquiry: <https://metramarket.es/contact.html>

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

