

Single-mode dual-core fiber optic patch cord st-st



AI Overview

A single-mode dual-core (duplex) fiber optic patch cord consists of two single-mode fibers, each with a 9 μ m core, designed for high-speed, long-distance optical transmission with two connectors on each end.

Overview

A single-mode dual-core fiber optic patch cord (also called a duplex patch cord) contains two single-mode fibers within a single cable assembly, allowing simultaneous bidirectional data transmission. Each fiber has a 9 μ m core and 125 μ m cladding, which supports a single light path per fiber, minimizing signal loss and enabling long-distance communication, typically up to tens of kilometers depending on the fiber type (OS1/OS2) and network equipment. The outer jacket is usually yellow to indicate single-mode fiber.

Connector Types

These patch cords can be terminated with a variety of connectors, including:

- LC: Small form factor, commonly used in data centers and QSFP transceivers
- SC: Square snap-in connector, widely used in telecom and enterprise networks
- FC: Screw-on thread, suitable for high-vibration environments
- ST: Bayonet mount, often found in legacy LAN applications
- E2000: High-performance connector for low insertion loss and high return loss Eac...

Article Content

May 01, 2026

ST-ST patch cord

OTSCABLE supplies ST-ST fiber optic cable assemblies, with single mode (9/125) and multimode (50/125 and 62.5/125) options.

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Optical Duplex Patchcords with various types of

Optical Duplex patch cords with various types of connectors (ST, LC, SC) available in single-mode or multi

Jul 24, 2026

3m Singlemode Simplex Fiber Optic Patch Cable (9/125)

3 meter ST to ST (9/125) singlemode simplex fiber optic patch cables are perfect for audio, video and data transmission applications.

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ST-ST patch cord

ST-ST fiber optic patch cord is a bayonet mount cable with a push-in and twist mechanism. It is an old

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Global Manufacturer & Supplier of ST

Buy ST - ST Fibre Patch Cord at the best price from Norden Communication, the global manufacturer and supplier of electrical and

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Fiber Optic Patch Cord ST Series

Description Fiber optic patch cord, also called fiber optic jumper or patch cables. ST series patch cord normally comes with ST-ST

Mar 16, 2026

ST Fiber Optic Cables

Flexible, easy to install and reliable multi-mode fiber patch cord terminated with duplex ST fiber connectors

Aug 13, 2025

Bynet Single-mode Dual-Fiber 2.0mm ST-ST Fiber

The Bynet Single-mode Dual-Fiber 2.0mm ST-ST Patch Cord is designed for stable, low-loss optical signal

Mar 27, 2026

Bynet Single-mode Dual-Fiber 2.0mm Patch Cord

The Bynet Single-mode Dual-Fiber 2.0mm (SC-ST) Patch Cord is designed for high-performance optical

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SC Fiber Patch Cables

Shop SC Fiber Optic Cables at FiberCablesDirect. Singlemode, Multimode SC Duplex fiber patch cords.

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LC Fiber Patch Cables | Singlemode & Multimode with LC Fiber

OM1 LC/ST Plenum 62.5/125 Multimode Duplex Fiber Optic Patch Cables. OFNP multimode fiber (mmf) optical assembly with self

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Single Mode Fiber Patch Cable | In/Outdoor Duplex OS2 9/125 LC SC ST

OS2 ST ST Indoor/Outdoor Fiber Patch Cables | Duplex Single-Mode Fiber Jumper with Corning 9/125um core/cladding. A rugged,

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Global Manufacturer & Supplier of ST

ST - ST FIBRE PATCH CORD They comprise two tight buffer fibres housed within an individual outer jacket in OM1, OM2, OM3,

Feb 14, 2026

OS2 ST ST Duplex Fiber Patch Cable 9/125 Singlemode

OS2 ST to ST 9/125 Singlemode Duplex Fiber Optic Patch Cable with Corning Optical Fiber and strong,

Sep 08, 2025

ST-ST OS2 Singlemode Duplex Fiber Patch Cable

High-quality fiber patch cables are a critical component for any high-performance fiber-optic network. Optcore offers an extensive line

Jan 07, 2026

ST/UPC to ST/UPC Simplex Fiber Optic Patch Cable

Our fiber patch cables are inspected & tested for insertion loss. A pull-proof jacket surrounds singlemode fiber which is immune to

May 03, 2026

ST-ST OS2 Singlemode Duplex Fiber Patch Cable

It provides an ideal fiber cabling solution with a highly competitive price for users in data communication and telecommunication

Jun 09, 2026

ST-ST OS2 Singlemode Duplex Fiber Patch Cable

Optcore offers an extensive line of ST to ST 9/125µm OS2 single-mode duplex fiber optic patch cables with

Jul 19, 2026

LCFiberOpticPatchCordCables LC F

Description Fiber Optic Patch Cable also known as fiber patch cord cable, optical cable or fiber optic jumper. As an important

May 17, 2026

ST ST Patch Cord | Fiber Optic Patch Cord

Digisol single mode fiber optic patch cord comes with duplex st st patch cord patch cord fiber patch cord

Aug 03, 2025

Optic Digital Fiber Optic Patch Cords | DCD Distribution. Structured ...

DCD Distribution Sdn Bhd delivers reliable structured cabling, fiber optic, UPS, and power solutions in Malaysia. Trusted by

Jul 31, 2025

Singlemode Fibre Patch Cables

Our singlemode fibre patch leads are manufactured in-house, are 100% tested and certified and surpass the high standards required

Feb 20, 2026

Fiber Optic Patch Cable Single-mode, Duplex, ST/UPC

High-quality ST-ST single-mode (mono-mode) duplex fiber-optic patch cable. We deliver each patch cord

Contact Us

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