

# Fiber optic patch cord interface types lc and sc



## Overview

Most SFP fiber optic modules use LC connectors, while SC connectors are mainly found in legacy networks and MPO/MTP connectors are used for high-density cabling rather than directly on standard SFP modules. Here is a plain-language breakdown of the four main connector types, the specs that actually matter, and how to match a cable to your equipment without guesswork. They bridge the gap. Among the most widely used connectors are SC (Subscriber Connector) and LC (Lucent Connector) patch cords—two designs that, while serving the same core purpose, differ significantly in size, performance, and application. This connector landscape reflects how modern SFP deployments prioritize port density and. Answer first: select ST, SC, FC, LC, MPO/MTP, or another connector from the equipment interface, ferrule, fiber type, polish, polarity, density, insertion-loss and reflectance budget, handling, inspection, cleaning, and lifecycle—not popularity alone.



## Article Content

Understanding Fiber Connector Types ST SC LC FC with UDP or

These designations refer to both the type of connector (LC, SC, FC) and the polish style of the connector's end face (UPC, APC).

Detailed Explanation of FC, ST, SC, and LC Fiber-Optic Interfaces

What are the classifications of optical fiber patch Cables? 4.1 Accableing to different optical fiber connectors, common

SFP Fiber Optic Connector Types: LC, SC, MPO Explained

Fiber optic connectors in SFP modules are the physical interfaces that connect the transceiver to fiber patch cables, enabling optical

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

LC vs SC Fiber Connector – Key Differences Explained (2026)

A tight footprint may demand LC; a less confined space with standard optical layouts may justify SC. The system's fiber type, port

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

## Contact Us

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