

Article Overview

Fiber optic connectors can be ordered online from major distributors, with options for singlemode, multimode, and various connector types like LC, SC, MPO, and field-attachable variants.

Types of Fiber Optic Connectors

Fiber optic connectors are used to terminate optical fiber cables and enable quick connection and disconnection while minimizing signal loss. Common connector types include LC, SC, ST, MPO, MT-RJ, MU, and FC, each suited for specific applications and environments . They are available in singlemode (for long-distance, high-bandwidth applications) and multimode (for shorter distances) variants, with core diameters ranging from 3 μm to 1000 μm . Connectors may also feature PC (Physical Contact) or APC (Angled Physical Contact) ferrules for improved signal performance .

Key Considerations When Ordering

- o Connector Type and Mode: Choose based on your fiber type (singlemode or multimode) and network requirements.
- o Ferrule Material: Ceramic ferrules are common for durability and precision alignment.
- o Field-Attachable vs Pre-Terminated: Field-attachable connectors allow on-site termination, while pre-terminated connectors are ready to use.
- o Compatibility: Ensure connectors match your existing cabling and equipment.
- o Quantity and Packaging: Suppliers often provide bulk or small-batch ordering options, with datasheets and lot numbers for reference .

Online Suppliers and Ordering Options

- o Farnell Germany: Offers a wide selection of fiber optic connectors from top manufacturers, with fast quotes, same-day dispatch, and technical support .
- o DigiKey: Provides connectors for simplex, duplex, and multi-fiber configurations, with singlemode and multimode options, and same-day shipping .
- o Mouser Electronics: Stocks connectors from leading brands like Amphenol, Broadcom, Molex, and TE Connectivity, with smart filtering to select compatible products .
- o Kynix: Offers global stock information, reference pricing, PDF datasheets, and small-batch ordering for engineers .
- o EFB-Elektronik: Specializes in high-quality connectors and couplers, including field-terminable and custom solutions, with expert advice available .

Ordering Tips



Fiber optic connector orders

- o Review datasheets to confirm specifications and compatibility.
- o Check stock availability and shipping options for timely delivery.
- o For specialized or custom connectors, contact the supplier directly for guidance.
- o Consider environmental factors such as temperature, humidity, and mechanical stress when selecting connectors. By following these guidelines, you can confidently order fiber optic connectors that meet your technical and operational requirements.

Our product range covers the full fiber optic interconnect chain -- from SFP fiber connector cages and SFP+ cage assemblies to LC,

As a leading supplier of advanced fiber optic components, Molex has an extensive product offering that includes a full range of

Connector assembly fixturing and tooling vary between connector types Fiber Optic Center provides the materials and equipment

Fiber Patch Cables, Multimode & Singlemode Duplex Fiber Optic Cables, Secure Order Fiber Patch Cords,

Thorlabs stocks the largest selection of single mode and multimode optical fibers in the photonics industry. If our selection of stocked

FS Fiber Termination Kits (Fiber Splice Tray, Protection Sleeves, Fiber Connectors, Ferrules, Sleeves, etc) achieve faster fiber

Buy Fibre Optic Connectors. Farnell® Germany offers fast quotes, same day dispatch, fast delivery, wide inventory, datasheets &

Our range of products includes bulk fiber optic cable, assemblies, connectors, attenuators, couplers, splitters, termination enclosures

Shop DigiKey's large in-stock selection of Fiber Optic Connectors. View inventory, pricing and order now for same day shipping!

Fiber optic connectors are specialized components used to terminate optical fibers and enable precise, low-loss connections for

Stocking distributor of fiber optic installation tools, bulk fiber cables, fiber patch cables, test equipment, cable management, fiber optic



Fiber optic connector orders

Our goal is to offer the fastest and most reliable Ethernet & fiber optic cables, connecting hardware, tools, and supplies directly to

In our online store, we offer a wide selection of fiber optic connectors (PC/APC) with ceramic sleeves. Here you will find various

Reliable fiber optic connectors--LC, SC, FC, ST, UPC/APC polish, single-mode and multimode, low loss, high return loss.

You have to terminate it somehow (connector, patch panel, etc.) in order to get from A to B and be mindful of the

FS provides multiple fiber optic cable types and cabling solutions proven in the demo scenario lab to ensure reliable high-speed

Web: <https://www.in-au.co.za>

