

Mechanical Fiber Optic Splice Supplier



Overview

AFL Global's SpliceConnect is a mechanical splice that provides an inexpensive, quick alternative to mating fibers.

Key Takeaways

Reliable suppliers of fiber optic mechanical splices include 3M, Corning, AMP, Siemon, Thorlabs, PHXFIBER, and Fiber Instrument Sales, offering both singlemode and multimode solutions. Key Suppliers and Offerings



1. Fiber Optics 4 Sale Offers a wide range of mechanical splices including 3M Fibrlok II, Corning CamSplice, AMP CoreLink, and Siemon UltraSplice. Products include individual splices, kits with cleavers and adhesives, and assembly tools. Prices range from \$7.15 for basic splices to over \$3,800 for complete kits . 2. Fiber Instrument Sales (FIS) Provides mechanical splicing solutions along with fusion splicers, cleavers, and splicing accessories. FIS stocks mechanical splices, splice-on connectors, and protection sleeves, suitable for both field and lab applications . 3. Thorlabs Specializes in reusable mechanical fiber-to-fiber splices for singlemode and multimode fibers with cladding sizes from 125 μm to 140 μm . Their TS126 splices come preloaded with index matching gel and optional splice protector sleeves for enhanced stability and low insertion loss . 4. PHXFIBER Supplies optical fiber mechanical splices for FTTH applications, including LC, SC, and FC/UPC types. Their cold splicing technology allows fast installation with insertion loss below 0.1 dB and return loss better than -60 dB. Kits are designed for easy field use without specialized tools . 5. FiberOptic Supply & TechOptics Distribute 3M Fibrlok mechanical splices, which are universal for 250 μm and 900 μm coated fibers, compatible with singlemode and multimode fibers. These splices are easy to install, require minimal tools, and provide reliable long-term performance .

Considerations When Choosing a Supplier

- Fiber Type Compatibility: Ensure the splice supports singlemode, multimode, or both.
- Splice Kit Contents: Some suppliers provide complete kits including cleavers, adhesives, and protective sleeves.
- Installation Requirements: Mechanical splices are generally easier to install than fusion splices and may not require electrical power.
- Durability and Protection: Look for splices with protective housings or sleeves to prevent bending or flexing at the splice joint.
- Pricing and Availability: Compare suppliers for cost-effectiveness, especially for bulk orders or field deployment. These suppliers provide a comprehensive selection of mechanical splicing solutions suitable for telecom networks, FTTH installations, and laboratory fiber optic setups, ensuring both performance and ease of installation.

Article Content

Optical Fiber Mechanical Splices from 3M, Corning, AMP

High quality optical fiber mechanical splices such as 3M Fibrlok, Corning Camsplice, AMP CoreLink,

Fiber Optic Mechanical Splice

FIS Mechanical Splices hold fiber with a self-gripping clamshell design. These unique splices also allow for the optional use of

Mechanical-Splices

Want to eliminate the need for field polishing? The Fitel mechanical splice on connector will improve the quality of fiber optic

Fiber Optic Splicing Equipment

Fiber Instrument Sales has a wide variety of fiber optic splicing equipment such as fusion splicers from AFL, Sumitomo, FITEL, and

The FOA Reference For Fiber Optics -Mechanical Splices

Clamp the fiber in place if fibers are held separately. FiberLok splices clamp both fibers at once. Repeat these steps for the second

Mechanical splice

Capillary tube splices under installation in Germany. There are several designs in use for mechanical splicing, varying based on the

AFL SpliceConnect Universal Mechanical Splice Tool Kit

AFL Global's SpliceConnect is a mechanical splice that provides an inexpensive, quick alternative to mating fibers. Using V-groove

Optical Fiber Mechanical Splice for Sale, FTTH Manufacturers

Optical Fiber Mechanical Splice Used for fiber butt splicing fiber or fiber splicing pigtail, this is equivalent to making a splice, and the

10pcs Fiber Optic Mechanical Splice FTTH Fast Connector ...

Use and characteristics: The optical fiber cold sub uses two pigtail when docking, its main parts inside is a precision V groove butt

3m Fibrlok II Universal Mechanical Splice 2529

3M Fibrlok II 2529 Universal Optical Fiber Splice is designed to splice any combination of 250 um or 900 um coated fibers without

Fiber Optic Connectivity Products

Large inventory of fiber optic connectors, adapters, fusion splice protection sleeves, adapter dust caps, connector boots from

Singlemode Mechanical Fiber Optic Splice Kit

This Singlemode Mechanical Fiber Optic Splice Kit perfect for emergency repairs or temporary installations. In stock and ready to ship.

Fiber Optic Splicing Services | Fusion and Mechanical Splicing and

iFiber Optix provides expert fiber optic splicing services, including fusion and mechanical splicing, to ensure low-loss, high-quality

How to do a fiber optic mechanical splice: steps and tips

Mechanical splicing is the process of precisely aligning two fiber optics together using an alignment device and index

Optix America

With 30 years of fiber optic experience and a continually expanding network of distributor partners and local rep firms, OPTIX

Fiber Optic Mechanical Splicing Tools

Shop Now. International distributor for fiber optic components, equipment and accessories while providing invaluable technical

Mechanical Fiber Splices & Tool - Cleerline Technology Group

Cleerline Mechanical Fiber Optic Splices provide a low-cost solution for connecting two fiber optic strands without the need for fusion

Splice Technologies, Inc. | Innovative Fiber Optic Products

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