ZITHA TECH SPECIALTY CABLES (Pty) Ltd

Price of Fiber Optic Cable Splicing Instruments



Overview

Fiber Optic Splicing Equipment Fiber Instrument Sales has a wide variety of fiber optic splicing equipment such as fusion splicers from AFL, Sumitomo, FITE.

Key Takeaways

Fiber optic splicing equipment ranges from a few hundred to tens of thousands of dollars depending on the type and features.Fusion Splicers

Fusion splicers are the primary tool for joining fiber optic cables. Prices vary widely based on features such as automatic alignment, real-time splice loss estimation, and portability. Entry-level models start around $3,000, while high-end, advanced models can exceed $15,000 . Compact, handheld options like the TEKCN Super X offer cost-effective solutions for single-core splicing .

Fiber Cleavers

A precision cleaver is essential for preparing fiber ends before splicing. Good-quality cleavers typically cost between $500 and $2,000, with higher-end models providing more accurate and consistent cleaves, which directly affect splice quality .

Mechanical Splice Kits

For mechanical splicing, kits include alignment fixtures and other necessary tools. These kits are generally more affordable, ranging from $100 to $500 .

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OTDR (Optical Time-Domain Reflectometer)

OTDRs are used to test the integrity of splices and measure signal loss. Prices for OTDRs range from $5,000 to $20,000, depending on features, accuracy, and portability .

Additional Tools and Accessories

Other necessary tools include strippers, crimpers, cleaning supplies, splice sleeves, and enclosures. These can add a few hundred dollars to the total equipment cost .

Summary
• Fusion Splicer: $3,000 – $15,000+

• Fiber Cleaver: $500 – $2,000

• Mechanical Splice Kit: $100 – $500

• OTDR: $5,000 – $20,000

• Accessories & Consumables: $100 – $500+ The total investment depends on the scale of your splicing operations, the type of fiber (single-mode, multi-mode, or ribbon), and whether you require high-end features for precision and efficiency. For commercial projects, contractors often factor in labor and per-splice costs, which typically range from $50 to $150 per splice for fusion splicing, excluding equipment and materials . For purchasing, suppliers like Fiber Instrument Sales, SplicerMarket, and EFB Elektronik offer a wide range of splicing tools and accessories with varying price points .

Article Content

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

Amazon : Fiber Splicer

Price and other details may vary based on product size and color. Explore a wide range of fiber splicers featuring LCD screens, large

Amazon : Fiber Splicer Machine

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Fiber Optic Equipment: Every Technician Should Have

Whether you''re splicing cables, fiber optic cable testing performance, or troubleshooting

Amazon : Fiber Splice Kit

Fiber Optic Tool Kit 9-in-1 with FC-6S Fiber Cleaver, Optical Power Meter | (-70 - +10 dBm), FTTH Splicing Tools for Cable

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Fusion Splicers | Fusion Splicer Store

Fusion splicer is a precision instrument used to join two optical fibers end-to-end using heat, typically

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Shop fiber fusion splicers designed for FTTH and telecom applications. Get reliable equipment with fast splicing times and

Fiber Optics Tools, testing equipment, connectors, and kits with ...

Fiber Optics Tools, test equipment and patch panels. Low cost fiber optic hand tools, and kits for fiber optic testing, fiber optic

Optical Fiber Mechanical Splices from 3M, Corning, AMP

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

Amazon : Splicing Machine

Fusion Splicer AI-9, Fiber Splicer Kit with Upgraded 5" Touch Screen 6-Motor Core Alignment, 5s Fast Splice Fiber Optic Splicing

Fusion splicer,Fiber optic splicer,Factory Price

Splicermarket offers fusion splicers,Fiber Cleaver, fiber splice sleeves,Modular Hand-Held OTDR,Fibre

Amazon : Splicer Fiber Machine

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Shop quality optical fiber fusion splicers designed for technicians. Find machines with advanced features for reliable, efficient splicing

Fiber Optic Splicer

Discover fiber optic splicing kits for FTTH networks with core alignment, 10mW VFL, and CE certification. Ideal for

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Fiber Optic Fusion Splicers

We are experts when it comes to fiber optic fusion splicers. We carry all major brands in stock and ready to go.

Fusion splicer,Fiber optic splicer,Factory Price | Splicermarket

A comprehensive engineering guide to selecting the right fusion splicer for FTTH deployments — covering core alignment

Fiber Optic Fusion Splicers | Fiber Optic Test Equipment | Budco Fiber ...

Since 1970, Budco has provide cable construction tools, cable installation tools, and cable identification tools including fiber optic test

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Fiber Optic Fusion Splicer | Fiber Optic Splicing | Fiber

These fusion splicer kits are compatible with a wide range of fiber optic cables, including single-mode, multi

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