Power Fiber Optic Cable Strippers



Overview

Fiber and Cable Strippers Shop optical fiber and cable strippers including buffer, thermal and standard stripping tools from trusted brands like AFL, Fitel.

Key Takeaways

Power fiber optic cable strippers are specialized tools designed to efficiently remove coatings and jackets from optical fibers, available in mechanical, thermal, and automated versions for precise, high-quality fiber preparation.

Types of Fiber Optic Strippers

Mechanical Strippers: These are hand-held tools that remove fiber coatings using precision blades. They are ideal for single fibers or fiber ribbons and are commonly used in fieldwork and laboratories. Mechanical strippers can handle large diameter fibers (LDF) and are adjustable for different coating sizes, ensuring clean stripping without damaging the fiber core.

Thermal Strippers: Thermal or heated strippers use controlled heat to soften and remove the fiber cladding or buffer. They are gentle on the fiber, reducing the risk of micro-cracks, and often feature adjustable temperature and timing settings. Thermal strippers are suitable for high-strength splices and delicate fibers.

Automated and Plasma-

Assisted Strippers: These advanced devices automate the stripping process, including end and window stripping, without the need for chemicals. Plasma-assisted strippers can handle buffer diameters up to 1200 µm, maintaining fiber strength and providing consistent, high-quality results for production environments.

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Key Features to Consider

Adjustable Blade or Temperature Settings: Ensures compatibility with various fiber diameters and coatings. Ergonomic Design: Spring-loaded or coil-hinge mechanisms reduce hand fatigue during repetitive use. Versatility: Some tools, like the CST-4000, allow longitudinal, spiral, and circular cuts for different stripping needs.

Portability: Pocket-sized strippers are available for field technicians, while larger automated units are suited for labs or production lines.

Popular Brands and Options

Trusted manufacturers include Jonard Tools, AFL, Fitel, Miller, Trend Networks, and Phoenix Contact. Products range from simple hand-held strippers to fully automated units, catering to both field and industrial applications. Retailers like Farnell UK and Fiber Optic Center offer a wide selection with datasheets, technical support, and fast delivery.

Applications

Power fiber optic cable strippers are essential for: Preparing fibers for splicing or terminationRemoving jackets, buffers, and coatings without damaging the coreEnsuring high-strength, reliable connections in telecommunications, data centers, and laboratory settings Choosing the right stripper depends on fiber type, coating size, and the required precision. Mechanical strippers are cost-effective and versatile, thermal strippers are gentle for delicate fibers, and automated units provide speed and consistency for high-volume operations.

Article Content

Fiber and Cable Strippers

Shop optical fiber and cable strippers including buffer, thermal and standard stripping tools from trusted brands like AFL, Fitel, Jonard, Miller and more!

Fiber Optic Strippers | Cable & Wire Stripping Tools

Precision fiber optic strippers and cable tools for fast, accurate buffer removal. Choose from a variety of reliable, cost-effective wire stripping options.

Fiber Optic Tools

The global leader in fiber optic tools, Jonard has been trusted since 1958. Shop now for fiber tools such as strippers, duct cutters, cleavers, mid-span slitter & more.

Fiber Strippers – tools, mechanical, thermal, chemical,

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Fiber strippers are precision tools that remove a coating from a fiber before connectorization or splicing. There are mechanical, thermal and non-contact

Fiber Stripping Tools

Jonard Tools manufactures a large range of fiber optic stripping tools specifically designed for technicians in the fiber optics industry. Jonard Tools is committed to

Fiber Optic Cable Stripping Tools and Equipment

Shop our fiber optic cable stripping tools, essential for removing cable jackets, aramid yarn, and buffers to ensure optimal fiber otic performance.

AFL Precision Strip Tool: Fast, Simple, and Accurate F

This battery-powered, handheld stripper features an integral heating element that enables it to soften and strip optical fiber coating quickly and easily with little to

Optical Fiber Strippers

Our range of optical fiber strippers extends from handy, pocket-sized tools to fully automated plasma-assisted stripping machines. In addition to a wide range of

Fiber Optic Tools: A Professional Guide to Installation,

What Are Fiber Optic Tools? Fiber optic tools are specialized instruments designed for installing, terminating, splicing, testing, and maintaining

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7 Best Fiber Optic Termination Kit | End-Face Flat

Whether you are terminating drop cables for FTTH builds or prepping pigtails in a data center, the best fiber optic termination kit must combine a high-precision

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JR-6+ Hot Jacket Stripper For Single and Ribbon Fibers

Sumitomo JR-6+ thermal hot jacket stripper with IPX1 waterproof protection. Strips single & 2–12 ribbon fibers. 3-way power, 30% less stripping force. Buy now.

How to Repair Fiber Optic Cable: A Comprehensive Guide

This blog shares the common causes of fiber optic issues and provides detailed solutions on how to repair fiber optic cable.

Mastering Fiber Optic Lighting: The Essential Toolkit for Professional ...

Since fiber optic systems often use low-voltage data lines alongside the optical cable, specialized strippers designed for multi-pair cables (e.g., Cat6 or dedicated control wiring) are necessary to

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A Step-by-Step Guide to Fiber Optic Cable Installation

In our digital age, high-speed internet and reliable communication networks are powered by fiber optic cables, which transmit data as light signals

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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