What tools are used for aesthetically pleasing fiber optic cable stripping

Overview

Fiber and Cable Stripper – Types, Uses & Guide Learn how to use fiber strippers, cable cutting scissors, and armored cable slitters. Discover their applica.

Key Takeaways

High-precision fiber optic strippers, Kevlar shears, and fiber cleavers are essential for clean, professional, and visually neat fiber preparation.

Fiber Optic Strippers

Fiber optic strippers are specialized tools designed to remove protective coatings and buffer layers without damaging the delicate glass core. They often feature tri-hole or multi-stage designs to strip the outer jacket, 900µm buffer, and 250µm acrylate coating cleanly, ensuring a smooth, fracture-free fiber surface. Many professional strippers are spring-loaded and ergonomically designed, reducing hand fatigue and providing consistent results for aesthetically neat fiber ends.

Some models also include color-coded blades for quick identification of the correct stripping diameter.

Kevlar Shears

Fiber optic cables often contain Kevlar yarn for tensile strength. Standard scissors can dull or fray these fibers, compromising both appearance and integrity. Kevlar shears with hardened steel blades and serrated edges allow technicians to cut aramid yarn cleanly, maintaining a tidy and professional cable appearance.

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Fiber Cleavers

A fiber cleaver is critical for achieving a perfectly flat, perpendicular end face, which is essential for both functional and visually appealing splices. High-quality cleavers produce a controlled fracture with less than 1° angle deviation, ensuring minimal signal loss and a polished look. Auto-return blade designs and diamond blades with long lifespans enhance precision and consistency.

Slitters and Jacket Removal Tools

For mid-span access or armored cables, specialized slitters allow longitudinal or circular cuts on heavy outer jackets without damaging the inner fibers. These tools help maintain a clean, professional appearance when accessing individual fibers.

Additional Accessories

Bare Fiber Grippers: Textured rubber grips hold fibers securely without microfractures, improving both safety and aesthetics. Ergonomic Handles and Adjustable Blades: Reduce hand fatigue and allow precise alignment for clean stripping. Fiber Stripping Kits: Comprehensive kits often include multiple blade sets, guides, and jacket strippers for consistent, professional results.

Using these tools ensures that fiber optic cables are stripped safely, accurately, and with a visually neat finish, which is crucial for high-quality splicing, termination, and long-term network reliability.

Article Content

Fiber and Cable Stripper – Types, Uses & Guide

Learn how to use fiber strippers, cable cutting scissors, and armored cable slitters. Discover their applications in fiber splicing, cable prep, and FTTH.

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.

Fiber Optic Tools | Fiber Optic Cleaning | trueCABLE

Fiber optic installation and cleaning tools for LC, SC, ST, FC, and MTP/MPO connectors. Cleaning, cutting, and stripping tools. Performance-tested and

Fiber Optic Tools, Crimpers, Cable Strippers

Specialized Products stocks a vast selection of fiber optic tools including fiber crimpers, cleavers, fiber optic strippers for splicing and terminating fiber optic cable.

Fiber-Optic Tools | McMaster-Carr

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11 Pieces— 11-piece kits include a variety of tools to support a wide range of applications. Along with a standard wire cutter and wire stripper, there are three additional cable strippers and a ringer 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 stripping pliers and fiber strippers,

Fiber Optic Strippers, Stripping Tools

Specialized Products'' selection of fiber optic strippers and cable stripping tools includes various styles of cable strippers to fit your needs. We offer the highest quality tools from top brands such as Jonard

Fiber Optic Cable Stripper & Wire Stripping Pliers | Precision Jacket

Achieve clean, damage-free strips every time with our professional Fiber Optic Cable Strippers and Wire Stripping Pliers. Featuring high-precision blades for removing 250µm coatings, 900µm buffers, and

Fiber Tools & Kits

Premium fiber optic tool kits for splicing, cleaning, testing, and termination. Includes cleavers, strippers and more. Ideal for telecom, data centers, and field technicians.

Fiber Optic Cable

Ripley professional grade Fiber Optic Cable Tools easily strip, cut, connect and inspect various fiber optic cables without damaging the fiber.

Fiber Optic Strippers | Fiber Termination Tools

The F-STR-103D series fiber optic strippers allow to strip the 2 - 3 mm outer jacket, 900 µm buffer, and the 250 µm polymer coating for the standard 125 µm fiber

Fiber and Cable Stripper – Types, Uses & Guide

Fiber & Cable Stripper for Fiber Tools 1. FOS03 Fiber strippers remove the coating from the fiber optic cable to expose the glass fiber. Also

Fiber Optic Tools

Fiber optic tools are used to install and repair fiber optic cable and connectors to ensure proper connections and reliable signal transmission. A variety of tools are offered to serve specific functions

How To Strip Fiber Optic Cable | Instructional

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In this instructional video, Bob Licari, Test Equipment Product Manager, demonstrates a simple way to strip optical fiber.#instructional #fiberoptics #fiberF...

The Ultimate Optical Fiber Stripper Guide

Explore Optical Fiber Stripper types and uses. Learn pro techniques for precise stripping to ensure reliable network performance with top tools.

Fiber & Cable Preparation Tools

Fiber & Cable Preparation Tools Various Hand tools for Stripping, Cutting, Crimping, Slitting, and Scribing fiber optic cable for Cable Assembly Manufacturing Connected Fibers stocks various tools

FiberShack

About this item INDUSTRY PROVEN DESIGN: Our Fiber Cable Stripping tool is field tested to deliver consistent performance. Ideal for use with both FTTH and industrial FTTX, FTTB & FTTP systems. ADJUST WITH EASE : Precision tune your Fiber Cutter tool with a 1.5mm Allen Key included. Our Fiber Cable Cutter

Fiber Optic Tools

Jonard Tools is the global leader in fiber optic tools. We manufacture over 125 unique fiber optic tools and offers a range of kits for the fiber optics industry.

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