

Fiber Removal Pliers



AI Overview

Fiber removal pliers are precision tools designed to strip the outer jacket, buffer, and coating from optical fibers without damaging the glass core. Overview Fiber removal pliers, also known as fiber optic stripping tools, are essential for preparing optical fibers for termination, splicing, or connectorization. They are specifically engineered to remove multiple layers of fiber insulation, including the outer jacket, buffer tubes, and microscopic acrylate coatings, while maintaining the integrity of the fiber core. Unlike standard wire strippers, these tools are calibrated for micron-level precision to prevent nicks or scratches that could compromise signal quality. Types and Features

Single-Purpose Fiber Strippers: Designed for a specific fiber diameter or coating thickness. They often include a bare fiber gripper to hold the fiber securely without causing microfractures.

Multi-Hole or Three-in-One Fiber Strippers: These tools feature multiple pre-set holes for stripping different layers in one compact tool. For example, a typical three-hole plier can handle:

- 2.0–3.0 mm outer jacket
- 600–900 μm buffer insulation
- 250 μm acrylate coating

These tools are lightweight, factory-calibrated, and require no adjustments, making them convenient for FTTX deployments.

Ergonomic and Durable Design: High-quality fiber pliers often have cushioned, non-slip handles to reduce hand fatigue, hardened carbon steel blades for long-lasting sharpness, and locking mechanisms to protect the cutting surfaces when not in use.

Usage Tips Always select the correct tool for the fiber's cladding and coating diameter to ensure clean stripping. Use the bare fiber gripper or textured rubber hold to secure the fiber instead of wrapping or clamping, which can create microfractures. Follow the pre-marked diameter guides on multi-hole pliers to sequentially strip the outer jacket, buffer, and coating. Regularly check and replace blades to maintain precision and prevent fiber damage.

Applications Fiber removal pliers are used in:

- Fiber optic splicing and termination
- Connectorization for SC, LC, or...

Article Content

Fiber Strippers – tools, mechanical, thermal, chemical,

Fiber strippers are precision tools that reliably and cleanly remove a defined length of coating (often 30–40 mm) from a fiber end so that the bare glass is exposed

VEVOR Fiber Optic Stripper, 4 in 1 Wire Cutters Pliers,

Great for peeling 1.6-3.0 mm optical fiber outer layers, 600 um-900 um buffer coating, and 250 um glass fiber coating. All stripping surfaces are manufactured

Fiber Strippers – tools, mechanical, thermal, chemical,

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

Fiber Optic Termination Tools

These fiber buffer stripping tools provide a quick, easy, and reliable way to remove the buffer from an optical fiber in preparation for connectorization. A fiber guide

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 Strippers | Fiber Termination Tools

Features Standard Fiber Strippers in a Variety of Sizes The F-STR-152, -175, -203 and -305 Fiber Coating Strippers are for reliable stripping of virtually any size buffer from standard and specialty

Fiber Stripping 3-in-1 Pliers Tool | CRXCONEC

Fiber Stripping 3-in-1 Pliers Tool PN.CC-15-00050 Three Hole Fiber Stripping Tool Provides Great Convenience for FTTXs Use a three-in-one Fiber Stripper to

Fiber Cable Stripper Wire Stripping Plier

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

Stripping Tools

Stripping Tools When stripping fiber optic cable, a professional quality stripping tool makes your job easier by providing a clean cut. A fiber stripper should have hardened stripping jaws that are

Fiber Optic Tools, Insertion & Extraction Tools

Specialized Products offers fiber optic tools which provide gripping without slipping to insert and extract fiber optic connectors. Check out the FOCUS tool for servicing high density patch panels. Single

Amazon : Fiber Optic Cable Tools

Signal fire Fiber Optic Stripper, 9 in 1 Fiber Optic Stripper Tool, Wire Cutters Pliers Electrician Tools for Wire Stripping Cutting & Cleaning, Fiber Cable Stripping Tool for Technicians 50+ bought in past

Fiber Optic Termination Tools

Thorlabs offers the following tools used to install connectors on single mode and multimode optical fiber. Fiber Buffer Stripping Tools, Stripping Kit, and

Cruiser 5IN1-FTTH-KIT 5 In 1 FTTH Fiber Optic Tool Kit with FC-6S Fiber ...

5 In 1 FTTH Fiber Optic Tool Kit with FC-6S Fiber Cleaver and Double port stripper + pliers Wire stripper Use Ftth Ftth A:1* Fiber Cleaver FC-6S (1* Fiber Cleaver FC-6S bag) B:1* CLAUSS Fiber Optic

Fiber Optic Stripping Tools - trueCABLE

Fiber optic stripping tools: precise, calibrated removal of 3.0/2.0 mm jacket, 900 µm buffer, 250 µm coating. Consistent results for splicing and terminations.

Fiber Puller Insertion and Removal Tool

Westek's Fiber Tool installs and removes: SC, FC, ST, LC, and COAX/DS3 connectors. This elegant device simply fits into a shirt pocket or tool pouch and is ergonomically designed to fit the hands of

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

Miller® IET Series

Fiber Optic Connector Insertion & Extraction Tool. Designed for inserting and extracting fiber optic connectors in high-density patch panels. IET Series from

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 splitter & more.

VEVOR Fiber Optic Stripper, 4 in 1 Wire Cutters Pliers,

Shop VEVOR Fiber Optic Stripper, 4 in 1 Wire Cutters Pliers, Three Hole Fiber Stripping Plier w/Wire Cutter for Stripping, Cutting and Cleaning, Applied in

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

Amazon : Vampliers

6.25" Stripped Screw Extractor Pliers. Made in Japan. Time-Saving Screw Removal Tool Quickly Extracts Rusted, Stuck, Damaged Screws & Fasteners.

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 Cleaners, Insertion & Removal Tools

Jonard Tools is committed to providing premium quality tools and products including fiber optic cleaners, insertion, and removal tools. As the low voltage industry changes and new technology is introduced,

Contact Us

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