

Optical Fiber Stripping Pliers



AI Overview

Fiber optic stripping pliers are precision tools designed to remove coatings and jackets from optical fibers without damaging the delicate glass core, essential for splicing and termination.

Purpose and Function Fiber optic stripping pliers are specialized tools used to remove the protective coatings, buffer layers, and outer jackets from optical fibers, preparing them for splicing, termination, or connectorization. Unlike standard wire strippers, these tools are calibrated to handle micron-level coatings such as 250 μ m acrylate layers and 900 μ m buffers without nicking or scratching the fiber core.

Types of Fiber Stripping Tools

- Mechanical Fiber Strippers:** Handheld pliers with precision blades for single fibers or fiber ribbons, suitable for laboratory, production, and field use.
- Thermal Fiber Strippers:** Use controlled heat to gently remove cladding or buffer layers, adjustable for temperature and time to prevent fiber damage.
- Automatic or Plasma-Assisted Strippers:** Fully automated devices that remove buffer materials up to 1200 μ m in diameter cleanly and without contact, ideal for high-strength splices.
- Multi-Hole Precision Strippers:** Tools with tri-hole designs to handle multiple stripping stages, such as 2-3 mm jackets, 900 μ m tight buffers, and 250 μ m coatings.

Key Features

- High Precision Blades:** Hardened carbon steel blades ensure clean, damage-free stripping.
- Ergonomic Design:** Cushioned, non-slip handles reduce hand fatigue during high-volume deployments.
- Factory Calibration:** Pre-set blades prevent accidental contact with the fiber cladding.
- Locking Mechanism:** Keeps jaws closed when not in use to protect cutting surfaces.
- Versatility:** Suitable for indoor simplex cables, outdoor drop cables, and ribbon fibers.

Applications Fiber optic stripping pliers are essential for FTTH installations, laboratory testing, and field splicing, ensuring low-loss connections and preventing fiber breakage during fusion splicing. They are used by technicians to prepare fibers for connectors, splices, or other optical terminations.

Purchasing Opti...

Article Content

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

Proskit CP-327 Fiber Optic Stripper

The PRO"SKIT CP-327 Fiber Optic Stripper is a high-precision stripping tool designed for professional fiber optic cable installation, splicing, and maintenance.

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

Proskit Cp 328 5 In 1 Fiber Optic Stripper

The PRO"SKIT CP-328 5-in-1 Fiber Optic Stripper is a professional-grade precision tool designed for fast, accurate, and damage-free preparation of fiber optic cables.

Amazon : Fiber Optic Cable Tools

Automatic heating peeling tool. This product has sustainability features recognized by trusted certifications. Contains at least 50% recycled material.

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240mm Fiber Optic Cable Stripping Tool, Horizontal & Vertical Fiber Stripping Knife & Stripping Pliers for Optical Cable Peeling

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

Fabater Fiber Discounts with Safe Lock and Steel Construction for ...

The holes are designed so that they are exactly with the diameter of the fiber fiber 3. Steel construction: This fiber strip is manufactured and is designed in such a way that it withstands the difficulties of

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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

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Fiber Optic Stripping Tools – trueCABLE

Our fiber optic stripping tools are meticulously designed for clean, consistent results without damaging delicate fibers. With reliable performance and rugged

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