

How to use an automatic optical cable stripper



AI Overview

An automatic optical cable stripper removes fiber coatings precisely and safely by holding the cable, cutting the coating to the correct depth, and pulling it off without damaging the glass core.

Step-by-Step Guide

1. Prepare the Cable Cut the fiber optic cable to the desired length using kevlar or fiber scissors. Ensure the cut is clean and straight to facilitate smooth stripping and splicing.
2. Select the Correct Groove or Notch Automatic strippers often have multiple grooves for different coating diameters (e.g., 900 μm buffer, 250 μm acrylate coating). Choose the groove that matches the layer you want to remove.
3. Insert the Cable Place the fiber into the stripper's slot. For spring-loaded automatic strippers, the tool will automatically adjust to the cable diameter. Ensure the fiber is fully seated and aligned with the cutting notch.
4. Adjust Blade Depth (if applicable) Some automatic strippers allow you to set the cutting depth. Adjust it so the blade cuts only the coating without nicking the glass core.
5. Strip the Coating Squeeze the handles or activate the automatic mechanism. The tool will cut through the coating. Pull the stripper along the fiber or allow the automatic mechanism to remove the coating in one motion. For multi-layer coatings, repeat the process using progressively smaller grooves.
6. Remove Aramid Fibers After stripping the outer coatings, cut and remove any aramid (strength) fibers using kevlar scissors or pliers. Bundle them neatly to avoid interference with splicing.
7. Clean the Fiber Wipe the exposed glass with a lint-free cloth and alcohol to remove any residue. This ensures optimal splicing or connectorization.

Tips for Safe and Effective Use

- Always wear safety glasses to protect against fiber shards.
- Take small, incremental strips rather than trying to remove long sections at once to prevent fiber breakage.
- Hold the stripper at a 45-degree angle to reduce stress on the fiber.
- Prac...

Article Content

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This document contains a long list of words beginning with "ab-" or "ac-". It does not appear to be a coherent text, but rather a collection of unrelated terms.

Fiber Strippers – tools, mechanical, thermal, chemical, plasma,

A fiber stripper is a precision tool used to remove the protective polymer fiber coatings from an optical fiber. This process exposes the bare glass without scratching or nicking it, which is required for tasks

Auto Stripper for Various Fiber Optic Cables | UCL Swift

Auto Stripper is designed to strip various type of fiber optic cables using its heater which adjusts heating time and temperature.

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

Designed for field work, this automated stripper performs coated fiber stripping tasks quickly and precisely, ensuring optimal performance and reliability for your fiber

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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.

Smart Sensor Optical Fiber Stripper Corrosion Resistant Dual Hole

This wire stripper has an automatic reset function and can be operated with one hand, which is simple and easy. Toggle to open or close the jaws, protect the cutting edge, prevent accidental injury and

AUTO STRIPPER Instruction manual

1. BASIC er automatically with length operation to 35mm. It maintains high tensile strength of optic fiber when stripping, and free from crack on the fiber surface. Auto Stripper generally used for laboratory

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Discover how to efficiently use an automatic wire stripper for clean, precise wire stripping. Perfect for DIYers and professionals alike.

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The Complete Guide to Fiber Optic Tools: Splicing, Cleaving, and ...

3.1 Professional Fiber Optic Strippers A Weunion high-precision stripper is engineered to remove the three distinct layers of a fiber cable: the outer 3mm jacket, the 900µm buffer, and the

Amazon : Fiber Optic 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 month Add to cart

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.

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