

Special Optical Cable Stripping



Article Overview

Special optical cable stripping requires precision tools and techniques to safely remove fiber coatings, jackets, and buffers without damaging the glass core.

Types of Fiber Stripping Tools

Mechanical Strippers: Handheld tools with precision holes or blades designed to remove coatings from standard fibers (125 μm glass with 250 μm coating) or specialty fibers with thinner coatings (200 μm). Examples include three-hole strippers for segmented stripping and CFS-2 fiber strippers for pigtail and FTTH applications, which allow stripping from 900 μm down to 125 μm without adjustments . **Thermal Strippers:** Use heated air or hot knives to remove polymer coatings cleanly, ideal for acrylate-based fibers. Tools like the AUTOSTRIPPER 2™ provide chemical-free window stripping for coatings up to 550 μm , offering high cleanliness and fiber strength . **Automated Systems:** High-speed units like the AUTOPREP 2™ strip, clean, and cleave fibers in under 15 seconds, ensuring consistent preparation for industrial-scale splicing or connectorization . **Specialty Cable Strippers:** For loose tube, armored, or multi-layer cables, tools such as the ACS Armored Cable Slitter or Jonard CST-4000 allow longitudinal, spiral, or circular cuts. Adjustable blades prevent nicking the fiber while removing outer jackets, aramid yarn, or buffer tubes .

Stripping Techniques

- **End Stripping:** Remove a defined length of coating (typically 30–40 mm) from the fiber end for splicing or connectorization.
- **Window Stripping:** Remove a short section of coating from the middle of the fiber for applications like fiber Bragg gratings.

Article Content

Fiber Optic Stripping

3SAE Technologies designs and manufactures a wide range of high performance fiber optic stripping tools

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 optic

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

Precision and effortless operation distinguish our new fiber optic ...

Precision and effortless operation distinguish our new fiber optic stripping tool! The FOC-200 fiber optic cable

Fiber Optic Cable Cutting Machines Stripper Tools

The Cable Cutting Machines & Stripper Tools category features a comprehensive selection of manual, semi-automatic, and

Stripping (fiber)

Stripping is the act of removing the protective polymer coating around optical fiber in preparation for fusion splicing. The splicing

Fiber Optic Termination Tools

These fiber buffer stripping tools provide a quick, easy, and reliable way to remove the buffer from an

FOC-200 Fiber Optic Cable Stripping Tool

A cable preparation tool for fiber optic installations, the FOC-200 fiber optic cable stripping tool will remove

FiberShack

FiberShack - 3 Hole Fiber Stripper Tool with 6" TPR Handle - Fiber Optic Stripper includes 1.5mm Hex

Fiber Optic Stripping Tools – trueCABLE

Accurate cable stripping is the foundation of every successful fiber optic installation. Our fiber optic

Cable Strippers For Fiber Optic Cable

Ripley professional grade Cable Strippers For Fiber Optic Cable are designed to work with a range of cable types.

Fiber Strippers and Cleavers

OCC's RFCCL fiber optic cleaver provides a high quality cleave at an economical price. Designed for cleaving single fibers, this

How to Strip and Prepare Fibre Optic Cable for Termination: A ...

In this informative guide, we'll walk you through the step-by-step process of stripping and preparing fibre optic cable

How to Properly Strip, Cut, and Test Fiber Optic Cables?

How to Properly Strip, Cut, and Test Fiber Optic Cables? In fiber optic installations, precision is critical to maintaining optimal signal

Fibre Optic Stripper | for stripping fibre optic cables Ø 0 ...

This cable stripper was designed specifically for the fast and easy removal of the primary coating on thin fibre optic cables with a

stripping fiber optic cables

I am stripping two 144F loose tube cables and one 48F loose tube cable. Please like,

Fiber Optics Stripping, Cleaving, Splicing, Recoating,

Fiber Optics Cleaving and Stripping Tools available from StockAMS Technologies offers the full range of

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

Precision Strip Tool AFL's Precision Strip Tool is a fast, simple solution for stripping fiber without damage.

Fiber Cable Strippers

Fiber-Life offers a variety of fiber strippers, each designed to play a crucial role in the fiber optic cable

Fiber Stripping Tools

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

Fiber and Cable Stripper – Types, Uses & Guide

Learn how to use fiber strippers, cable cutting scissors, and armored cable slitters. Discover

Fiber Stripping | Komax

Semi-automatic fiber-stripping machines enable precise and efficient processing of coated, buffered, and jacketed glass fibers.

Fiber Strippers – tools, mechanical, thermal, chemical,

Fiber strippers are precision tools that reliably and cleanly remove a defined length of coating (often 30–40

Fiber-Optic Strippers | McMaster-Carr

Fiber-Optic Cable Strippers Strip fiber-optic cables without scratching or damaging them. These cable strippers have three

How to Strip and Prepare Fibre Optic Cable for Termination: A ...

Introduction: Stripping and preparing fibre optic cables for termination is a critical step in the installation and

Contact Us

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