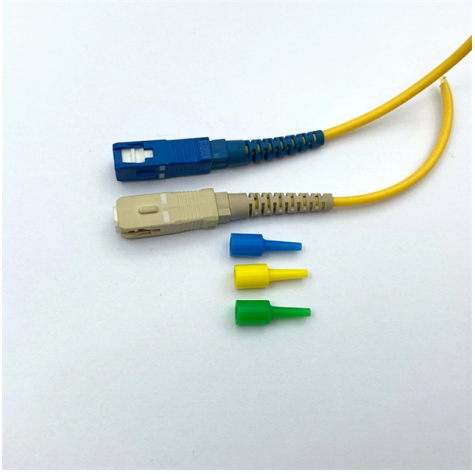
High-efficiency optical cable stripping tools



Overview

How to Choose a Fiber Stripper for High-Precision High-precision fiber strippers feature precision-ground blades with exacting tolerances, ergonomic design.

Key Takeaways

High-quality fiber optic stripping tools are essential for precise, safe removal of coatings, buffers, and jackets without damaging the fiber core.

Recommended Types of Fiber Optic Strippers

Mechanical Strippers: These are handheld tools designed to remove coatings and jackets with precision. They often feature adjustable blades for different fiber diameters and coatings. Popular options include Jonard Tools' JIC-1022 for 10–22 AWG wires and CST-4000 for large round cables, which allow longitudinal, spiral, and circular cuts for versatile stripping.

Thorlabs also offers mechanical buffer strippers with color-coded blades for easy identification and consistent results. Thermal Strippers: These use controlled heat to soften or remove polymer coatings without nicking the glass. They are particularly useful for specialty fibers or delicate coatings where mechanical stripping may risk damage.

Chemical or Plasma Strippers: Less common in fieldwork, these methods are used in laboratory or high-precision applications to remove coatings without physical contact, ideal for very thin or specialty fibers.

© 2026 CGWEB NETWORK INFRASTRUCTURE - All rights reserved

Key Features to Look For

Precision and Clean Cuts: Strippers should expose the bare fiber without scratches or nicks, typically removing 30–40 mm of coating at a time. Compatibility: Ensure the tool matches the fiber type (single-mode, multimode, or plastic optical fiber) and coating thickness (commonly 250 µm, but specialty fibers may be thinner),. Ergonomics: Spring-loaded or low-fatigue designs reduce hand strain during repetitive stripping tasks.

Replaceable Blades: Tools with replaceable or adjustable blades extend usability and maintain precision.

All-in-

One Kits: Some kits, like Thorlabs' TSK1, include multiple blade sets, fiber guides, and jacket strippers in a compact case for convenience.

Popular Brands and Sources

Jonard Tools: Offers a wide range of fiber strippers for different cable sizes and applications, backed by a lifetime guarantee. Thorlabs: Provides precision buffer strippers and kits suitable for single-mode and multimode fibers, with replaceable blades and fiber guides.trueCABLE: Curated collection of fiber optic strippers for jackets, buffers, and coatings, emphasizing precision and durability. Fiber Optic Center: Supplies essential stripping tools for removing jackets, aramid yarn, and buffers to ensure optimal fiber performance.

Using the right tool ensures clean, safe, and efficient fiber preparation, which is critical for splicing, connectorization, and maintaining signal integrity. Always match the stripper to the fiber type and coating, and follow manufacturer guidelines for best results.

Article Content

How to Choose a Fiber Stripper for High-Precision

High-precision fiber strippers feature precision-ground blades with exacting tolerances, ergonomic designs for controlled operation, adjustable stops

Optical Fiber Strippers

We have the right tool for every fiber and every cladding. Our range of optical

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

© 2026 CGWEB NETWORK INFRASTRUCTURE - All rights reserved

Fiber Strippers – tools, mechanical, thermal, chemical,

The main types include mechanical handheld tools with precise blades, thermo-mechanical strippers that use heat to soften the coating, non-contact methods

Fiber Strippers

Our cutting-edge fiber stripping equipment is specifically designed for fiber optic coating removal, and we offer a comprehensive range of options. Discover our

Fiber Optic Stripper High Efficiency Portable Optical Cable Stripping ...

Whether you need to cut steel wires or strip fiber coatings this tool handles both tasks effortlessly saving you time and effort on the job. [HIGH EFFICIENCY PERFORMANCE] Tailor made

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.

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

AFL''s Precision Strip is a fast, simple solution for stripping fiber without damage. This battery-powered, handheld stripper features an integral heating element that

Fiber Stripping Tools

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

Fiber Strippers, Decoaters and other Stripping Tools

Under the Cablematic, Miller, ODM and Utility Tool brands, we sell a wide range of fiber processing tools. In addition to stripping, cutting, and slitting tools, the

Fiber Stripping Tools

Trusted since 1958, Jonard''s Fiber Stripping Tool is a must-have for all fiber technicians. Shop Jonard''s popular collection of fiber optic cable stripper and

Paladin Tools FTK-B Fiber Optic Tools Kit | Cut, Strip,

Extra pockets are included to hold accessories and additional tools, keeping everything in one place. ENHANCE YOUR WORKFLOW with Kevlar Cutter, 3-in

FiberShack

© 2026 CGWEB NETWORK INFRASTRUCTURE - All rights reserved

QUALITY DESIGN - Every fiber optic cable stripping tool has a Thermoplastic handle and is tested after production to ensure a consistent high quality cut out of the box CUT DEPTH RANGES: Hole 1 - 1.6 > 3 mm fiber jacket cuts down to the 600 - 900 micron buffer coating. Hole 2: strips the 600-900 micron buffer

Fiber Optics Stripping, Cleaving, Splicing, Recoating, Tapering

Fiber Optics Cleaving and Stripping Tools available from StockAMS Technologies offers the full range of must-have tools for field or production – including processing and preparation tools for several types

Smart Sensor Optical Fiber Heat Stripping Tool Drop Resistant

Excellent Aluminum Alloy Material: This fiber optic thermal stripper is made of excellent aluminum alloy material with anodic oxidation treatment, which is warm and delicate in handfeel and exquisite in

The best fiber optic stripping tools

A high-quality optical fiber stripper can not only safely and effectively strip the outer sheath of the optical cable or cable, but also help you speed up the maintenance of the optical fiber network and avoid

Amazon : Fiber Optic Cutter

Three Hole Fiber Optic Stripper, High Precision, Fiber Optic tool Three-port stripper line for optical stripper of FTTH tool With adjustable knife Optical cable stripping pliers

FOTS-R250 Cable Stripping Tool Machine with

The FOTS-R250 Fiber Optic Thermal Stripper is a professional-grade tool designed for precise and efficient removal of fiber optic cable coatings. Its advanced

Related Video Reference

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

© 2026 CGWEB NETWORK INFRASTRUCTURE - All rights reserved

Contact Us

Continue your research online:

Website: https://cgweb.co.za
Technical inquiry: https://cgweb.co.za/project-enquiry.html

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

© 2026 CGWEB NETWORK INFRASTRUCTURE - All rights reserved