

All tools for fiber optic cable stripping

Article Overview

Fiber optic cable stripping requires specialized tools such as mechanical strippers, cutting scissors, buffer strippers, and multi-purpose stripping kits to safely remove coatings and jackets without damaging the fiber.

Mechanical Fiber Strippers

Mechanical strippers are the most common tools for removing polymer coatings from optical fibers. They feature precision slots sized for specific fiber diameters (typically 125 um glass with 250 um coating) and allow technicians to strip a defined length of coating cleanly without nicking the glass . These strippers are often handheld and can be used for standard telecommunication fibers, specialty thin fibers, or plastic optical fibers (POF).

Fiber Cable Cutting Scissors

Specialized scissors, such as the CFS-2 fiber cable cutting scissors, combine cutting and stripping functions. They use segmented holes to strip different layers, including the primary coating, secondary coating, or outer sheath, and can handle fibers ranging from 125 um to 900 um . These scissors are lightweight, portable, and designed for quick, accurate stripping.

Buffer and Jacket Stripping Tools

Buffer strippers remove the protective buffer layer from fibers in preparation for connectorization. Tools like Thorlabs' fiber buffer stripping kits include matched blades and fiber guides to ensure precise stripping, often color-coded for different fiber types . Larger cable jackets can be removed using tools like Jonard's CST-4000, which allows longitudinal, spiral, or circular cuts for end or mid-span stripping .

Multi-Purpose Stripping Kits

Comprehensive kits, such as the TSK1 fiber stripping kit, include multiple blade sets, fiber guides, and jacket strippers in a compact case. These kits are designed to handle a variety of fiber diameters and coating types, providing flexibility for both single-mode and multimode fibers .

Key Considerations

- o Fiber type and diameter: Ensure the tool matches the fiber's cladding and coating dimensions.
- o Stripping method: Mechanical, thermal, or non-contact methods may be used depending on the application.
- o Precision: Avoid scratching or nicking the fiber to maintain signal integrity.
- o Application: Choose tools based on whether you are stripping for splicing, connectorization, or mid-span



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operations like fiber Bragg gratings . Using the correct fiber optic stripping tools ensures clean, safe preparation of fibers, which is critical for optimal performance in splicing, termination, and network installation.

Each product page lists compatible accessories, connectors, and tools. You can also browse our

Cut and strip fiber-optic cable. 2 Pieces-- 2-piece kits include a wire cutter with high-carbon stainless steel blades that are strong

Ripley professional grade Stripping & Cutting Tools For Fiber Optic Cable feature scribes and cleavers, cable strippers and cutters.

When stripping fiber optic cable, a professional quality stripping tool makes your job easier by providing a clean cut. A fiber stripper

Fiber optic installation and cleaning tools for LC, SC, ST, FC, and MTP/MPO connectors. Cleaning, cutting,

Choose accessories for your next fiber optic installation, including cable fiber access tools, tool kits, polishing film, cleaning

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

Fiber & Cable Preparation Tools Various Hand tools for Stripping, Cutting, Crimping, Slitting, and Scribing fiber optic cable for Cable

Fiber Optic Termination & Cleaning Kit - Visual Fault Locator Fiber Optic Cable Tester, Optical Power Meter, Cleaner, Cleaver,

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

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

A range of fibre optic tools used in FTTP and NBN FTTH work, including fibre strippers, drop cable slitters, and installation equipment.

Three cutting notches accommodate stripping requirements across a range of cable types, and because of

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brands like AFL, Fitel,

Fiber optic termination tool kit with fiber optic Cold Welding cleaver and 3-port Fiber optic stripper FTTH
Fiber optic cable stripping

Fiberoptic buffer tube stripper for up to 3.1 mm tubes. Adjustable blades can be set for any depth to help

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