

Professional Optical Cable Stripping Tools



Article Overview

Optical cable stripping requires precision tools such as mechanical strippers, hot knives, and specialized cable slitting devices to safely remove coatings, buffers, and jackets without damaging the fiber.

Types of Fiber Stripping Tools

Mechanical Fiber Strippers: These are handheld tools designed to remove polymer coatings from optical fibers, typically 30–40 mm in length, exposing the bare glass for splicing or connectorization. They are available for standard telecommunication fibers (125 μm cladding, 250 μm coating) and specialty fibers with thinner coatings. Some strippers also handle tight buffers (900 μm) and larger cable jackets. Mechanical strippers often include fiber guides and matched blades to ensure precise, nick-free stripping . **Thermal and Hot Knife Strippers:** Tools like the Industrial Fiber Optics Heavy Duty Fiber Optic Hot Knife use heat to remove coatings cleanly, especially useful for thicker or specialty fibers. These tools minimize mechanical stress on the fiber and are suitable for high-volume or industrial applications . **Cable Jacket and Loose Tube Strippers:** For larger cables, tools such as the Jonard CST-4000 or ACS Armored Cable Slitter allow longitudinal, spiral, or circular cuts to remove outer jackets, aramid yarn, or armor. Adjustable blade depth ensures the fiber inside is not damaged. Coaxial and loose tube strippers can handle diameters from 0–14 mm, with transverse and longitudinal cutting capabilities . **Multi-Function Kits:** Kits like Thorlabs' TSK1 include multiple blade sets, fiber guides, and jacket strippers in a compact case. They often feature color-coded blades for quick identification and ergonomic handles for secure gripping without microfractures

Article Content

Jun 04, 2026

Fiber Optic Termination Tools

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

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Fiber Cable Tools, Fiber Cable Stripping Machine

Fiber optic tools are used for fiber optic cable installation, termination and maintenance works of lineworkers, powerline technician

Aug 05, 2025

Fiber Strippers – tools, mechanical, thermal, chemical,

Fiber strippers are precision tools that remove a coating from a fiber before connectorization or splicing.

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Fiber Optic Stripping Tools – trueCABLE

Our fiber optic stripping tools are meticulously designed for clean, consistent results without damaging

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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

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Fiber-Optic Tools | McMaster-Carr

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

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Fibre Optic Termination Tools

As a professional, Fibre Optic termination kits are an important item for any optical fibre cable installer. If you are working in an office

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Fiber Optic Cable Tools

FS offers a range of cable tools, such as cable stripper, cable splitter, cable cutter for fiber or copper cables

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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.

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FiberShack

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

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Stripping Tools

Our fiber strippers provide a reliable way for you to remove the buffer from an optical fiber. We have one of the largest varieties of

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Amazon : Fiber Cleaver

FC-71S Optical Fiber Cleaver High precision stripping tool Fiber optic cable cutter 16 cutting points 48000 times Cold joining Fiber

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Fiber Cable Strippers

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

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Optical Fiber Strippers

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

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Effortlessly Strip Fiber Cables with Professional Stripper

The FOS03Y Fiber Optic Stripper is engineered for field technicians and fiber optic installers who demand precision,

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Fiber Termination Tools | Tools and Accessories

Fibre optic termination tools for preparing, aligning, and securing connectors during fibre installation and network maintenance tasks.

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Fiber Optic Cable Stripper & Wire Stripping Pliers | Precision Jacket Tools

Achieve clean, damage-free strips every time with our professional Fiber Optic Cable Strippers and Wire Stripping Pliers. Featuring

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Fibre Optic Tools | Fibre Strippers | Duct Cutting Tools | Scribe Pens ...

Netceed provides a full range of fibre optic tools, including blown fibre tube intercept cutters, drop fibre stripping tools, duct and

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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

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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

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Stripping & Cutting Tools For Fiber Optic Cable

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

Aug 19, 2025

WEICON Tools Fibre Optic Stripper/Stripping Tool for Optical

The high-quality tools are TÜV-tested, carry the GS quality seal and were developed considering aspects of occupational safety and

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Fiber Optic Cable Stripper Professional Grade 3-in-One

What makes this fiber optic cable stripper a high-quality tool? This stripper features an angled jaw design

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The best fiber optic stripping tools

Perfect for slitting and ringing cables, buffer tubes, and jackets on fiber optic cables. Blade depth is easily adjustable. Spring-loaded

Apr 17, 2026

Stripping Tools

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

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