

Optical Cable Outer Sheath Stripper



AI Overview

Use a precision fiber optic sheath stripper or cable stripper to carefully remove the outer jacket without damaging the underlying fibers. **Step-by-Step Procedure**

Select the Appropriate Tool Use a fiber optic sheath stripper or cable stripper designed for the cable diameter. Tools vary for different cable types, including mechanical, thermal, or chemical strippers. For typical indoor patch cables, handheld strippers with adjustable blades are suitable for jackets 2–3 mm in diameter ().

Prepare the Cable Measure the required strip length according to the connector or splicing specification. Ensure the cable is clean and free from kinks or bends beyond the minimum bend radius (). Wear eye protection to prevent injury from sharp fibers or debris ().

Adjust the Stripper Set the blade depth so it cuts the outer jacket but does not damage the underlying aramid yarn or fiber coatings (). For multi-layer cables, strip each layer progressively: first the jacket, then aramid yarn, and finally the buffer coating if needed ().

Cut the Jacket Place the stripper around the cable at the desired strip length. Rotate the tool in a helical or spiral motion to score the jacket evenly (). Avoid excessive force to prevent crushing or nicking the fibers ().

Remove the Jacket Gently pull off the scored jacket using fingers or needle-nose pliers. Inspect the exposed aramid yarn and fiber for damage. If damaged, trim and repeat the process ().

Clean the Fiber (if needed) After stripping, clean the exposed fiber with a lint-free wipe and high-purity alcohol to remove any residue ().

Recommended Tools

- FibreFast™ Sheath Stripper:** Strips buffered fiber up to 2360 μm and jacketed fiber up to 3.5 mm ().
- Minicable Sheath Stripper:** Slits the minicable sheath in opposite locations for loose tube access ().
- RCS-0425 Fiber Cable Stripper:** Adjustable cutting depth for circular optical cables, ideal for midspan sheath removal ().
- Kevlar Scissors:** For cutting aramid yarn after jacket removal ().

Safety Considerations Avoid bending the cable beyond its minimum radius. Do not apply excessive pulling or cru...

Article Content

Precision stripper for optical fiber, with 4 working areas

Its factory pre-calibrated cutting and extraction blade is designed to avoid scratches or cuts in the fiber, ensuring a quality finish. It has an automatic return system at

The best fiber optic stripping tools

Optical fiber strippers play a very important role in the process of optical cable splicing. A high-quality optical fiber stripper can not only safely and effectively strip the outer sheath of the optical cable or

25 types Fiber Optic Strippers for Various Cable Jackets

Single Armoured Cables Fiber Optic Accessories 8 – 28mm Cable stripper fiber stripper's main purpose is cutting the outer amoured sheath of the fiber optic

Fiber and Cable Stripper – Types, Uses & Guide

First, strip the outer sheath of the optical fiber with optical fiber strippers; remove the stripped outer sheath of the optical fiber; and finally, cut the

Stripper for optical fibers NT-0105 | Lanberg

This stripper is used to remove successive layers: jacket/outer sheath, insulation (buffer), and thin protective coating on the fiber itself. This makes it easier to

Young Dance Armored Cable Stripper 8-28mm Wire Coax Mid Span

Wide Application Fiber Optic Cable Stripper is a professional armored cable sheath cutting tool, suitable for feeder cable, center bundle tube cable, layer stranded cable and other armored cables. The main purpose is to cut the armor sheath of the outer layer of the cable to obtain the fiber lead inside.

Fiber Cable Slitters Types Prices & Technical Specifications

Fiber Cable Slitters a simple-to-use and effective tool to remove the outer jacket of optic fiber cables. Fiber is placed in the groove and the Cable Slitter is moved along the length to cut the sheath.

Fibre Stripper | Emtelle

Fibre Stripper suitable for stripping the outer jacket of Emtelle's 2/4 microcable and aides in the removal of the underlying resin.

A-1940 round optical cable stripping knife 19-40mm armored ...

A-1940 round optical cable stripping knife 19-40mm armored cable cutter Fiber optic sheath stripper Vertical and horizontal With 1 spare blade for Cable Jacket - 3/4" to 1 5/8" Diameter cutting tool -

UtilityTool Series US14

US14 Series Ratcheting Outer Sheath Cable Slitter Engineered to remove the outer sheathing from primary and secondary cables.

8-28MM Wire Stripper, FTTH Armored Fiber Optic Cable Stripper,

□Wide Application□ It is a professional armored cable sheath cutting tool, suitable for feeder cable, center bundle tube cable, layer stranded cable and other armored cables. The main purpose is to cut the armor sheath of the outer layer of the cable to obtain the fiber lead inside.

Fiber and Cable Stripper – Types, Uses & Guide

2. CFS-2 Fiber Cable Cutting Scissors the three-hole optical fiber cable cutting scissors uses a three-hole segmented stripper, which is small in

Fiber Stripping Tools | Emtelle

Fiber Optic Cables Fiber Stripping Tools Fibre Stripper Fibre Stripper suitable for stripping the outer jacket of Emtelle's 2/4 microcable and aides in the removal of the underlying resin.

Outer Sheath Tools

Outer Sheath Cable Preparation Tools are necessary to remove the outer PVC, polyethylene, rubber or soft metal jacket of a cable. They eliminate the need for the traditional but dangerous stripping knives

Microcable Multitubo · Blown fiber

Modules The cable consists of several loose tubes, each containing 12 optical fibers and a moisture-resistant filling compound. The number of these tubes varies depending on the total number of fibers

Jacket Stripping Tool | Emtelle

Jacket Stripping Tool is designed to strip the outer sheath from tight jacket Cables/Microcables. At Emtelle, we provide a wide range of associated products

Fiber Stripping Tools | Emtelle

Jacket Stripping Tool is designed to strip the outer sheath from tight jacket Cables/Microcables. Minicable Sheath Stripper slits the minicable sheath in diametrically opposite locations to expose the

Fibre Optic Cable Stripper | CK Tools

The Kabifix LK25 is the ideal tool to dismantle optical fibres and coaxial cables without damaging the conductor. You can safely and easily strip all hard outer

TEN | Tools | Line materials | and machinery for the

Ripley Ratcheting Outer Sheath Stripper Ratcheting outer sheath cable splitter removes the outer sheath from HV and LV cables. The US14 easily performs ring

Sheath Removal of Armored ALTOS® Fiber Optic Cables

1.2 Armored ALTOS cable are rugged fiber optic cables featuring buffer tubes and dielectric central members protected by water blocking tape and yarn. 1.3 Two versions of the cable are available:

Fiber Cable Strippers

Fiber-Life offers a variety of fiber strippers, each designed to play a crucial role in the fiber optic cable splicing process. A high-quality fiber cable stripper safely and

Buy KABIFIX Cable Stripper

Dual-purpose wire stripper and plastic tube cutting tool Effortlessly cuts the outer insulation sheath from cables and wires from 6 to 28mm Ø. (0.24 to 1.10 inches) The replaceable hardened steel blade

Fiber Optic Cable Cutting Machines Stripper Tools

The Cable Cutting Machines & Stripper Tools category features a comprehensive selection of manual, semi-automatic, and fully-automated fiber cable tools designed for precision cutting and stripping of

Stripping Techniques For Your Fiber Optic Cable

Good fiber optic stripping techniques in your cable assembly process are crucial. See best practices for how to strip fiber optic cable buffers & jackets.

Fiber Stripping Tools

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

Fibre Optic Sheath Stripper — Network Computer Wireless

Streamline your fiber optic cable projects with the Fibre Optic Sheath Stripper. Designed for precision, this tool effortlessly removes the outer sheath of fiber optic cables without damaging the delicate

Contact Us

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