How to use cable and fiber optic strippers

Overview

Fiber and Cable Stripper – Types, Uses & Guide Learn how to use fiber strippers, cable cutting scissors, and armored cable slitters. Discover their applica.

Key Takeaways

Cable and fiber optic strippers are precision tools used to remove protective coatings and jackets from cables without damaging the inner conductors or glass fibers.Understanding the Tools

Fiber optic strippers are designed to remove multiple layers of a fiber optic cable, including the outer jacket, aramid yarn (strength members), buffer coating, and the acrylate coating that protects the glass fiber. They typically feature multiple notches or holes calibrated for specific diameters: a large notch for the outer jacket, a middle notch for the tight buffer, and a small notch for the acrylate coating down to the 125µm glass cladding . Cable strippers for electrical or general-purpose cables remove insulation layers without cutting the conductors. Some models, like the RCS-0425, allow adjustable cutting depth for circular cables and are suitable for midspan sheath removal .

Step-by-Step Guide for Fiber Optic Stripping
• Prepare the Cable: Cut the fiber optic cable to the desired length using kevlar scissors or cable cutters. Ensure the cut is clean and straight .

• Strip the Outer Jacket: Use the largest groove in the fiber stripper to gently cut and remove the outer jacket. Hold the stripper at a 45-degree angle to reduce stress on the fiber .

© 2026 ALFA PRO COMMUNICATION SYSTEMS (Pty) Ltd - All rights reserved

• Remove Aramid Fibers: Cut the exposed aramid yarn with kevlar scissors and wind them into a bundle to make handling easier .

• Strip the Buffer Coating: Use the middle groove to remove the 900µm buffer in small increments (6–8mm at a time). Then, use the smallest groove to strip the 250µm coating down to the 125µm glass fiber .

• Clean the Fiber: Wipe the stripped fiber with a lint-free cloth and alcohol to remove debris and coating residue .

• Inspect for Damage: Ensure the fiber is free of nicks or scratches, as these can cause signal loss or breakage .
Tips for Using Cable Strippers
• Adjust the Blade Depth: For circular cables, set the blade depth to match the insulation thickness to avoid cutting the conductor .

• Use a Spiral Cutting Motion: For midspan sheath removal, rotate the tool around the cable in a helical pattern to cleanly remove the jacket .

• Handle with Care: Avoid excessive force to prevent damaging the inner conductors or fibers .
Safety Considerations
• Always wear safety glasses to protect against flying debris.

• Dispose of stripped fiber scraps in a designated container to prevent injury .

• Use tools specifically designed for fiber optics; generic wire strippers can damage the glass fiber and compromise signal integrity . By following these steps and using the correct tools, you can efficiently strip both fiber optic and general cables while maintaining the integrity of the inner conductors or fibers.

Article Content

Fiber and Cable Stripper – Types, Uses & Guide

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

Fiber U Lesson Plan: Basic Skills Lab, Remote

1: Use kevlar scissors to cut the cable at the middle. We''ll splice the two pieces back together in an exercise and put new connectors

Stripping Techniques For Your Fiber Optic Cable

Good fiber optic stripping techniques in your cable assembly process are crucial. See best

© 2026 ALFA PRO COMMUNICATION SYSTEMS (Pty) Ltd - All rights reserved

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

The Ultimate Optical Fiber Stripper Guide

Explore Optical Fiber Stripper types and uses. Learn pro techniques for precise stripping to

trueCABLE''s Fiber Optic Cable Strippers: The Essential Tool for Fiber

Precise fiber optic stripping matters. See trueCABLE''s 3-hole Fiber Optic Stripper features, safe use tips, and

Fiber Strippers – tools, mechanical, thermal, chemical, plasma,

When working with fiber cables that include additional protective layers, one needs to remove those layers first to expose individual

How To Strip Fiber Optic Cable | Instructional

In this instructional video, Bob Licari, Test Equipment Product Manager, demonstrates a simple way to strip optical fiber.

Fiber U Lesson Plan: Basic Fiber Optic Skills Lab

In this lesson, we will identify and examine cables, then prepare them for splicing or termintion by stripping

trueCABLE''s Fiber Optic Cable Strippers: The Essential Tool for Fiber ...

Looking to strip your fiber optic cable easily and effectively? This video takes you through

How to strip fiber optic cables using precision strippers #howto #fyp ...

This video will show you how to strip fiber optic cable strands. This tool helps the user

Stripping Techniques For Your Fiber Optic Cable Assembly Process ...

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

Fiber U Lesson Plan: Basic Fiber Optic Skills Lab

Lesson 3: Fiber Optic Cable And Fiber Preparation Objectives: From this lesson you should learn: How to

Fiber-Optic Strippers | McMaster-Carr

© 2026 ALFA PRO COMMUNICATION SYSTEMS (Pty) Ltd - All rights reserved

Strip fiber-optic cables without scratching or damaging them. These cable strippers have three nonmarring openings to handle

Fiber Strippers – tools, mechanical, thermal, chemical, plasma,

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

Fiber Optic Wire and Cable Strippers | McMaster-Carr

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

How to strip fiber optic cables using precision strippers

This video will show you how to strip fiber optic cable strands. This tool helps the user

The Ultimate Optical Fiber Stripper Guide

A Step-by-Step Guide: How to Use an Optical Fiber Stripper Correctly Proper technique is

Fiber-Optic Tools | McMaster-Carr

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

Fiber U Lesson Plan: Basic Skills Lab, Remote

2. Use the fiber stripper to cut off 4" (100mm) of the cable jacket and pull off the cut piece. 3. Use the kevlar scissors to cut the

How To Prepare Your Fiber Optic Cable For Splicing

In this week''s video, Ben Hamlitsch shows you how to cut, strip, clean, and cleave your

Fiber Optic Splicing: A Complete Guide | Jonard Tools

In the ever-evolving world of high-speed connectivity, fiber optic technology serves as the backbone of modern

Amazon : Fiber Optic Tools

FTTH Fiber Optic Cold Connection Assembly Termination Tools Kit Bag with Visual Fault Locator Fiber Cleaver SC FC Connector

How to Choose the Right Fiber Stripper for Your Fiber Optic Cables?

Discover the critical role of fiber strippers in maintaining cable integrity, splicing quality, and minimizing signal loss.

© 2026 ALFA PRO COMMUNICATION SYSTEMS (Pty) Ltd - All rights reserved

Ultimate Guide: Fibre Optic Cable Stripping and Preparation

Stripping and preparing fibre optic cables for termination is a critical step in the installation and maintenance of fibre

Tools

AFL 4 Hole Fiber Optic Stripper SS05 - S018327 Simultaneous fiber stripping The SS05 fiber stripper is equipped with four blades: ①

The Finesse of Fiber Optic Strippers | SDM Magazine

The problem is that fiber optic strands are extremely small, with the typical diameter of an unstripped fiber being 250

Paladin Tools Fiber Optic Stripper, Drop Cable Fiber Stripper

Introducing the Paladin Tool TCDCS Fiber Optic Stripper by Tempo Communications. The Paladin TCDCS Fiber Stripper is a rugged

Fiber Optic Thermal Strippers | FiberOptic Resale Corp

Fiber Optic Thermal Strippers We offer thermal strippers from Sumitomo, INNO Instrument, Fitel and Jonard Industries. These easy

Fiber Stripper

Fiber Stripper Tutorial of Fiber Optic Strippers Overview As we know, a proper fiber optic termination will protect the fibers from dirt or

How to strip fiber optic cables using precision strippers #howto #fyp ...

This video will show you how to strip fiber optic cable strands. This tool helps the user

Stripping Techniques For Your Fiber Optic Cable Assembly Process ...

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

Fiber U Lesson Plan: Basic Fiber Optic Skills Lab

Lesson 3: Fiber Optic Cable And Fiber Preparation Objectives: From this lesson you should learn: How to

Fiber-Optic Strippers | McMaster-Carr

Strip fiber-optic cables without scratching or damaging them. These cable strippers have three nonmarring openings to handle

Fiber Strippers – tools, mechanical, thermal, chemical, plasma,

© 2026 ALFA PRO COMMUNICATION SYSTEMS (Pty) Ltd - All rights reserved

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

Fiber Optic Wire and Cable Strippers | McMaster-Carr

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

How to Terminate Fiber Optic Cable: Top 5 Essential Tips

Learn how to terminate fiber optic cable with connectors and splicing. Discover tools,

Fiber U Lesson Plan: Basic Skills Lab, Remote

Lesson: Stripping Optical Fiber Cable Objectives: From this lesson you should learn: How to use these tools to strip cable to the bare

How to: Use a 3-hole Stripper

A three-hole stripper is a pivotal tool when working with fiber optic cable. In order to

FiberShack

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

How to strip fiber optic cables using precision strippers

This video will show you how to strip fiber optic cable strands. This tool helps the user maintain precision and

The Ultimate Optical Fiber Stripper Guide

A Step-by-Step Guide: How to Use an Optical Fiber Stripper Correctly Proper technique is just as important as the

Fiber-Optic Tools | McMaster-Carr

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

Fiber U Lesson Plan: Basic Skills Lab, Remote

2. Use the fiber stripper to cut off 4" (100mm) of the cable jacket and pull off the cut piece. 3. Use the kevlar scissors to cut the

Fiber and Cable Stripper – Types, Uses & Guide

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

© 2026 ALFA PRO COMMUNICATION SYSTEMS (Pty) Ltd - All rights reserved

Fiber U Lesson Plan: Basic Skills Lab, Remote

1: Use kevlar scissors to cut the cable at the middle. We''ll splice the two pieces back together in an exercise and put new connectors

Stripping Techniques For Your Fiber Optic Cable

Good fiber optic stripping techniques in your cable assembly process are crucial. See best

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

The Ultimate Optical Fiber Stripper Guide

Explore Optical Fiber Stripper types and uses. Learn pro techniques for precise stripping to

trueCABLE''s Fiber Optic Cable Strippers: The Essential Tool for Fiber

Precise fiber optic stripping matters. See trueCABLE''s 3-hole Fiber Optic Stripper features, safe use tips, and

Fiber Strippers – tools, mechanical, thermal, chemical, plasma,

When working with fiber cables that include additional protective layers, one needs to remove those layers first to expose individual

How To Strip Fiber Optic Cable | Instructional

In this instructional video, Bob Licari, Test Equipment Product Manager, demonstrates a simple way to strip optical fiber.

Fiber U Lesson Plan: Basic Fiber Optic Skills Lab

In this lesson, we will identify and examine cables, then prepare them for splicing or termintion by stripping

trueCABLE''s Fiber Optic Cable Strippers: The Essential Tool for Fiber ...

Looking to strip your fiber optic cable easily and effectively? This video takes you through

Fiber and Cable Stripper – Types, Uses & Guide

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

Fiber U Lesson Plan: Basic Skills Lab, Remote

© 2026 ALFA PRO COMMUNICATION SYSTEMS (Pty) Ltd - All rights reserved

1: Use kevlar scissors to cut the cable at the middle. We''ll splice the two pieces back together in an exercise and put new connectors

Stripping Techniques For Your Fiber Optic Cable

Good fiber optic stripping techniques in your cable assembly process are crucial. See best

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

The Ultimate Optical Fiber Stripper Guide

Explore Optical Fiber Stripper types and uses. Learn pro techniques for precise stripping to

trueCABLE''s Fiber Optic Cable Strippers: The Essential Tool for Fiber

Precise fiber optic stripping matters. See trueCABLE''s 3-hole Fiber Optic Stripper features, safe use tips, and

Fiber Strippers – tools, mechanical, thermal, chemical, plasma,

When working with fiber cables that include additional protective layers, one needs to remove those layers first to expose individual

Related Video Reference

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

Contact Us

Continue your research online:

Website: https://alfa-pro.co.za
Technical inquiry: https://alfa-pro.co.za/contact.html

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

© 2026 ALFA PRO COMMUNICATION SYSTEMS (Pty) Ltd - All rights reserved