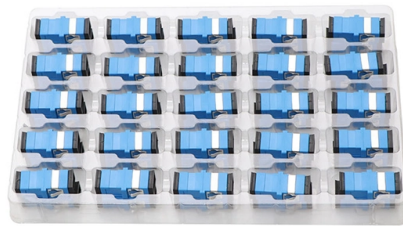


Tools for removing metallized optical cables



AI Overview

Specialized fiber optic strippers, including mechanical, thermal, and plasma-assisted tools, are used to safely remove metallized coatings and jackets from optical fibers without damaging the glass core.

Mechanical Fiber Strippers Mechanical strippers are handheld tools with precision blades designed to remove polymer coatings, tight buffers, and outer jackets from optical fibers. They are available in multi-hole designs to handle different layers, such as 250 μm coatings, 900 μm buffers, and 2–3 mm outer jackets, making them suitable for metallized optical cables with multiple layers. These tools provide micron-level accuracy and are ideal for fieldwork or laboratory use, ensuring the fiber core remains undamaged.

Thermal and Thermo-Mechanical Strippers Thermal strippers use controlled heat to soften coatings before removal, which is particularly useful for metallized or polymer-coated fibers that are difficult to strip mechanically. Thermo-mechanical strippers combine heat with mechanical pulling to achieve clean, precise stripping. Adjustable temperature and timing settings allow safe handling of fibers with high-strength coatings or metallic layers without compromising fiber integrity.

Plasma-Assisted and Automated Stripping For high-precision or large-diameter metallized fibers, plasma-assisted stripping machines offer non-contact removal of coatings up to 1200 μm in diameter. These automated systems are ideal for laboratory or production environments, providing consistent results while preserving fiber strength. They are particularly effective for window stripping or removing coatings from fiber ribbons.

Additional Tools and Accessories

- Fiber Grippers:** Textured rubber grippers hold the fiber securely during stripping, preventing microfractures.
- Cable Slitters and Ring Tools:** Adjustable slitting tools can remove outer jackets or metallic sheaths from cables before fiber-level str...

Article Content

Stripping Optical Fibers Utilizing the Fujikura Polyimide Coating ...

Extensive testing on the stripping ability of this equipment has demonstrated repeatable high tensile strength values with narrow distributions, both for polyimide and acrylate-coated optical fibers.

Fiber Optic Cutting Tools - trueCABLE

Fiber Optic Cutting Tools Precision cutting is critical in fiber optic work, and our tools are built to excel under pressure. Our fiber optic cutting tools are engineered for

Preparing your Fiber Optic Cable for Connectors or Splices

Learn the essential steps and tools for preparing fiber optic cables for connectors or splices. Master mechanical and fusion splicing techniques to

How To Remove Fiber Optic Cable From Connectors

Before attempting to clean fiber optic connectors, make sure you follow proper procedures and equipment. Incorrect cleaning processes can

BAOSHLA Optical cable stripping knife Armored

This armored cable stripping knife is a mid-span slit-and-ring tool for removing outer armor and sheathing from cables 8–28.6 mm (0.315–1.102 in) in diameter.

Amazon : Fiber Optic Cable Tools

Automatic heating peeling tool. This product has sustainability features recognized by trusted certifications. Contains at least 50% recycled material.

Fiber-Optic Tools | McMaster-Carr

Fiber-Optic Cable Strippers Strip fiber-optic cables without scratching or damaging them. These cable strippers have three nonmarring openings to handle different thicknesses of fiber-optic cable jackets

Cable Stripping Tools | Intercable Tools

Intercable Tools has been developing and manufacturing professional cable stripping tools for various low and medium voltage cables for decades - with

Fiber Strippers - tools, mechanical, thermal, chemical,

Fiber strippers are precision tools that remove a coating from a fiber before connectorization or splicing. There are mechanical, thermal and non-contact

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 high-precision blades for removing 250µm coatings, 900µm buffers, and

How to remove SC and LC connector with FOCUS Removal Tool

Use CablePrep's FOCUS connector removal tool to remove LC and SC fiber optic connectors. From FiberOptics4Sale Fiber Optics For Sale Co.775 Montague Expwy...

Fiber Optic Cable Tool for High-density Patch Panels

For easy insertion and removal of small-form-factor (SFF) connectors in high-density patch panels, the FOCUS Fiber Optic Connector Tool (FOC-100) ensures

Jacket Stripping Tool | Emtelle

Fiber Stripping Tools Jacket Stripping Tool Jacket Stripping Tool is designed to strip the outer sheath from tight jacket Cables/Microcables.

How to use fiber optic termination tools

How to use fiber optic termination tools There are a number of commonly used tools that are utilized to terminate a fiber optic cable with a connector. Below are illustrations of how each of these tools is

MT ferrule epoxy Cleaver for MPO Patch Cable

The Mechanical Connector Cleaver is a state-of-the-art tool engineered to cleave fibers in MT ferrules after the epoxy curing step. It delivers chip-free, precise cuts

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

Cable Preparation Tools

Cable Preparation Tools are essential tools used for various tasks related to cable preparation. These tools are designed to facilitate cable stripping, sheath and insulation removal, as well as cutting

Keystone Connector, Fiber Optic and Ethernet Patch

Description ICC's removal tool is designed to remove modular keystone connectors quickly and effectively from a 1U 48-port high density modular blank patch panel.

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.

Amazon : Fiber Optic Cable Tools

Fiber Optic Termination & Cleaning Kit - Visual Fault Locator Fiber Optic Cable Tester, Optical Power Meter, Cleaner, Cleaver, Stripper - Multi Tester Tools Set Add to cart

Steel mesh tool for fiber optic cables OPM-ATL

Effortlessly opens and separates steel tape armor from fiber optic cables with an outer diameter of 0.039"-0.079" (1-2 mm). The innovative counter-rotating mechanism allows for quick and easy

Bonded Easy-Strip Screen Stripping Tools HV

When cable jointing or terminating MV-HV cables the semi-con insulation screen must be removed using precision accurate jointing tools which consistently remove the screen layer without nicking,

Fiber Optic Cable Tools

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

How Do I Remove Digital Optical Cable From Tv

The global reports say the USA has the world's second-largest market for digital optical cables. Despite the popularity of optical cables, many people

Cable Armor Removal Tools for Sub-Surface Hardline

ART armor removal tool blades lift the armored jacket from sub-surface CommScope® PIII, QR, and Cable Guard hardline coax cables for safe clean

Cable Preparation Tools

Cutting, Stripping & Cable Preparation Tools for prep, peeling, removal, shaving and chamfering need of LV, MV and HV cable of all insulation types.

Miller® MC04-7010

MC04-7010 from Miller® is an innovative, industry-leading tool for today's engineers. Find your closest global distributor.

Cable Armor Removal Tools for Sub-Surface Hardline

Safely strip the armored jacket from CommScope® PIII, QR, and Cable Guard sub-surface hardline cables with Cable Prep ART Armor Removal Tools.

Top 7 Must-Have Tools for Fiber Optic Technicians

As the global leader in fiber optics, Jonard is here to help you incorporate the best tools for the most seamless and comfortable

How To Remove An Optical Cable Cap | Easy Guide for

You must avoid using sharp or abrasive tools to remove the optical cable cap or you may end up damaging the cable. Is Cleaning Necessary After

Fiber Optic Tools, Crimpers, Cable Strippers

Specialized Products stocks a vast selection of fiber optic tools including fiber crimpers, cleavers, fiber optic strippers for splicing and terminating fiber optic cable.

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 and Cable Stripper – Types, Uses & Guide

Fiber & Cable Stripper for Fiber Tools 1. FOS03 Fiber strippers remove the coating from the fiber optic cable to expose the glass fiber. Also

Fiber Optic Tech Tip: How To Cut Armored Cable | Johnny's Tool Box

John Bruno gives a technical tip on how to cut fiber optic armor cable using tools of the trade.

Contact Us

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