

Heated fiber optic cable stripper



AI Overview

Fiber optic heated strippers are specialized tools that use controlled heat to safely remove coatings from single or ribbon optical fibers, offering precision, speed, and minimal risk of fiber damage.

Overview Fiber optic thermal strippers are designed to strip the protective jackets or coatings from optical fibers without mechanically damaging the glass core. They are suitable for single fibers, ribbon fibers, and multi-core bundles, making them essential for splicing, termination, and repair work in fiber optic networks.

Key Features

- Rapid Heating:** Many models, such as the FiberFox HS-12, heat up in as little as 4 seconds, allowing for quick and efficient stripping.
- Some advanced strippers offer automatic heating and constant temperature control with multiple heat settings for different fiber types.**
- Battery-Powered Portability:** Hand-held thermal strippers often include rechargeable batteries, enabling wireless operation in field environments. For example, the HS-12 supports approximately 500 cycles per full charge, while other models feature high-capacity batteries with USB charging.
- Precision Stripping:** Tools are designed with widened limit blades or removable fiber holders to ensure clean removal of coatings without leaving marks or damaging fibers. Adjustable or fixed blade options are available depending on the model.
- Versatility:** Thermal strippers can handle a wide range of fiber types and counts, from 1-core single fibers to 48-core bundles and 2-24 core ribbon fibers, accommodating diverse installation and maintenance needs.
- Durability and Ergonomics:** Many strippers are built with rugged aluminum or durable plastic housings, lightweight for portability, and ergonomically designed to reduce hand fatigue during repetitive use.

Popular Models

- FiberFox HS-12:** Strips single and ribbon fibers up to 12 cores, fast heating in 4 seconds, battery-powered, lightweight, and rugged.
- Furukawa S251A:** Hand-held, battery-operated, suitable for single and ribbon fibers, designed for field use.
- INNO TS-8+:** Hand-held thermal stripper for ribbon ca...

Article Content

Fiber Optic Installation Mistakes: Bend Radius, Splicing

Executive Summary: Fiber optic cable failures cost enterprises an average of \$15,000 per hour in network downtime—yet most catastrophic losses

Optical Fiber Strippers

Thermal fiber strippers can be used to remove the cladding from optical fibers precisely and gently. Our selection offers powerful, robust devices for single

FiberFox HS-12 Thermal Stripper

Designed to strip the jacket of single fiber and ribbon cable up to 12 fibers, it offers extreme convenience under any tough environment. Benefits include fast heating time of 4 seconds and approximately 500

Fibre Optic Termination Techniques – Wray Castle

Introduction to Fibre Optic Termination Fibre optic termination is the process of preparing the end of a fiber optic cable so it can connect to network equipment, another cable, or a patch

Fiber Optic Cable Supplier, Distributor

Stocking distributor of fiber optic installation tools, bulk fiber cables, fiber patch cables, test equipment, cable management, fiber optic training and more.

KITCO Fiber Optics | Connectivity Delivered

KITCO Fiber Optics is a leading provider of fiber optic connectivity solutions to the military communications industry.

Best FTTH Fusion Splicers on the Market in 2026: Sumitomo T-402S ...

What accessories should I buy with a fusion splicer? A complete FTTH splicing kit typically includes: a fiber cleaver, fiber stripper, isopropyl alcohol wipes, heat shrink sleeves, and a

SeikoFire

SeikoFire Technology specialized in designing, manufacturing, and selling fiber optic fusion splicer & test instrument. Our main products including fiber fusion

Optical Fiber Thermal Stripper S251A | Product | Product information ...

Stripping tool for single fiber and fiber ribbon. Built-in battery allows use with no wires.

Fiber Optic Thermal Stripper for Ribbon or Fiber, Fast Heating

High Efficiency: This fiber optic thermal stripper allows for simultaneous stripping of multiple fibers, significantly boosting working efficiency, making it suitable for more stripping scenes

10 Best Fiber Optic Fusion Splicer Machines (June

Discover the 10 best fiber optic fusion splicer machines (June 2026). Our expert reviews highlight reliable, high-precision splicers ideal for efficient

Optical Fiber Cleaver Handheld Fiber Optic Thermal

□Integration Design□Stripping and cutting fiber optics in one unit, accurately stripping single-core and ribbon fiber optic cables (1 - 12 strands), leaving the

How to Fix a Cut Fiber Optic Cable

While a cut or damaged fiber optic cable can temporarily take your network down, it is possible to quickly fix the cable with the right tools. This wikiHow article will teach you how to splice a

Fiber Optic Thermal Strippers | FiberOptic Resale Corp

We offer thermal strippers from Sumitomo, INNO Instrument, Fitel and Jonard Industries. These easy-to-use thermal strippers are designed to thermo

The Complete Guide to Fiber Optic Cable Management

Ultimate fiber optic cable management guide: Best practices for installation, organization & maintenance - ensure network reliability.

Wire Stripper Automatic Cable Cutter & Crimping Tool Fiber Optic

Find many great new & used options and get the best deals for Wire Stripper Automatic Cable Cutter & Crimping Tool Fiber Optic Coaxial at the best online prices at eBay Australia!

Fiber Optic Splicing: Examining the Factors that Affect

Learn the the intrinsic and extrinsic factors that can impact fiber optic splice performance and how you can create the best fiber optic network.

Fiber Optic Cable Splice: The Most Complete Guide

Modern strippers feature adjustable blades for various cable diameters, supporting ribbon fibers popular in high-density installations. Splice

Splicing of optical fiber | PDF

This document discusses optical fiber splicing. It describes three main splicing methods - de-matable connectors, mechanical splices, and fusion splices.

Thermal Stripper

Designed to strip the jacket of single fiber and ribbon cable up to 12 fibers, it offers extreme convenience under any tough environment. Benefits include fast heating time of 4 seconds and approximately 500

Thermal Strippers | Jonard Tools

Our thermal fiber stripping tools give technicians the advantage of being able to easily remove the extremely difficult or baked-on coating from fiber optic cabling.

AFL Precision Strip Tool: Fast, Simple, and Accurate F

This battery-powered, handheld stripper features an integral heating element that enables it to soften and strip optical fiber coating quickly and easily with little to

Thermal Stripper, Adjustable Blade | Jonard Tools

Designed to thermomechanically remove coatings from optical fibers with

Optical Communications Products

Browse our optical communication connectivity products designed to help you enable your communication networks. Easily create a bill of materials list.

Engineering the Fiber Networks of Tomorrow | Fibramérica

Explore Fibramerica's complete fiber optic catalog: preconnectorized assemblies, FTTx, optical instruments, cables and infrastructure for telecom operators and

FiberTek | A top supplier in fiber optic panels & cables

FiberTek provides fiber optic cables, fiber patch panel, fiber optic test equipment, fiber media converters and other fiber optic products since 1999.

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.shangases.co.za>

Email: ekomedsolar@gmail.com

Phone: +86 13816583346

Address: No. 26 Heshun Middle Road, Economic Development Zone, Hai'an City, Jiangsu Province, China

This document is for informational purposes only. Specifications subject to change without notice.

