

Special tools for fiber optic cable sheathing



AI Overview

Fiber optic cable sheathing requires specialized tools such as mechanical strippers, slitting tools, scissors, and thermal strippers to safely expose the internal fibers without damage.

Mechanical Fiber Strippers

Mechanical strippers are designed to remove the outer jacket or buffer coating of fiber optic cables. Common types include:

- Fibre Strippers:** Suitable for microcables and buffered fibers, they can strip jackets up to 3.5 mm and buffers up to 2360 μm , providing quick and precise access to the fiber beneath the outer sheath (Emtelle)
- JIC-125 Fiber Optic Stripper:** Removes 250 μm buffer coating to expose the 125 μm optical fiber, ideal for standard fiber optic cables (Jonard Tools)
- RCS-0425 Fiber Cable Stripper:** Allows cutting around insulation layers with adjustable depth up to 5 mm, suitable for larger diameter cables (Holight Optic)

Cable Slitting Tools

Slitting tools are used to make longitudinal cuts along the cable sheath without damaging the internal fibers:

- CPT2 Ruggedized Cable Slitter:** Features factory-preset blades and a ball socket joint for smooth, precise slits along the cable length. It is ideal for field technicians handling commercial, military, or harsh environment cables (Luminos)
- Mid-Span Slit & Ring Tools (MS Line):** Designed for thick-walled jackets (8.7–14.6 mm), these tools allow quick access to interior fibers without fully cutting the cable (Jonard Tools)

Cutting and Scissors Tools

Specialized scissors are used to cut aramid yarn, Kevlar strands, or cable jackets:

- Heavy Duty Kevlar Scissors:** Can cut Kevlar strength strands and other tough materials (Emtelle)
- CFS-2 Fiber Cable Cutting Scissors:** Three-hole design allows stripping of 125 μm to 250 μm fibers and outer sheaths efficiently without damaging the fiber (Holight Optic)

Thermal and Ultrasonic Strippers

For difficult coatings or baked-on layers, thermal strippers provide controlled heat to remove coatings: TSAB...

Article Content

Fiber Optic Tools, Crimpers, Cable Strippers

Specialized Products offers the most complete selection of fiber tools for telecom and datacom industry. We offer a wide selection of specialty fiber optic installation tools and equipment from the leading

Europe Wire & Cable Market: \$48.24M by 2034 (5.68

Europe Wire & Cable Market: \$48.24M by 2034 (5.68% CAGR) Europe Wire And Cable Market by Product Type (Power Cable, Control Cables,

Fiber Optic Cutting Tools - trueCABLE

Our fiber optic cutting tools are engineered for clean, effortless cuts, reducing installation time and protecting your cables from damage. Designed with both

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

Precision Strip Tool AFL's Precision Strip Tool is a fast, simple solution for stripping fiber without damage. This battery-powered, handheld stripper features an

Fiber Optic Tool Kits and Accessories

Choose accessories for your next fiber optic installation, including cable fiber access tools, tool kits, polishing film, cleaning accessories, and replacement pieces for previously purchased tool kits.

Top Tools for Fiber Optic Technicians

In today's video we will go over some of the essential tools needed to work with fiber optic cables. Join Juan as he demonstrates how to use these tools.

Fiber Optic Tools and Tool Kits for Your Cabling Needs

High quality fiber strippers, fiber cleavers, cable slitters, mid-access tools, cable pulling tools and more from 3M, Corning, Ripley Tools, Greenlee, Paladin Tools and more.

Fiber Optic Tools, Crimpers, Cable Strippers

We offer a wide selection of specialty fiber optic installation tools and equipment from the leading brands to meet the needs of any fiber installation, maintenance and troubleshooting job.

The Introduction to Common Tools and Using Methods

The building and maintenance of optical cables in the intelligent industry has gradually expanded with the rapid expansion of the Internet of

How to strip drop cable? : r/FiberOptics

Don't need any special tools. Get a cheap pair of snips and cut 1 inch down the middle from the end of the cable. You'll have two stretch membranes and the

KMS-K Longitudinal Cable Sheath Cutter-Grandway Fiber Optic Tool Kit ...

Grandway KMS-K Longitudinal Cable Sheath Cutter includes all the basic tools for fiber optic cable construction and maintenance. Contact now!

Tools for Cable and Fiber Preparation

In the process of installing and preparing fiber optic cables for fusion and mechanical splicing, a number of special tools are required. The types of tools may vary by the types of cable and fibers being

Fiber Tools, Consumables & Accessories

CommScope features a family of tools and components for the installation, repair and maintenance of fiber cables, including prep and termination kits.

UtilityTool Series US14

Introducing the new US14, a ratcheting outer sheath cable splitter that is engineered to remove the outer sheathing from primary and secondary cables. The US14 easily performs ring cuts

Understanding and Selecting Optical Fibre and Cable

Traditional loose tube optical fibre cables require a skilled workforce and high-end tools for stripping the loose tube sheathing, cleaning the messy loose tube filling jelly, and dressing uncut tubes inside the

Jonard Tools JIC-4366 Cable Sheath Stripper And Ring Tool, Fiber Optic ...

Shop Cable Sheath Stripper And Ring Tool, Fiber Optic Cable, 1/8 To 3/8 In. By Jonard Tools (JIC-4366) At Graybar, Your Trusted Resource For Cable And Wire Strippers And Other Jonard Tools

Precision Fiber Products, Inc. | Leading Fiber Optic

Explore top-tier fiber optic solutions at Precision Fiber Products, Inc. We specialize in high-quality fiber optic cables and essential accessories, delivering industry

Amazon : Fiber Optic Tools

Check each product page for other buying options. Price and other details may vary based on product size and color.

Optical Fiber Tools and Accessories Selection Guide

Newport is a leading supplier of Optical Fiber Tools and Accessories as a companion to our fiber optics and components products. Products include fiber optic termination tools such as coating strippers,

OPGW Cable Market Size, Share, Industry Trends & Forecast

The manufacturing of OPGW cables relies heavily on materials such as aluminum alloys, optical fibers, and specialized sheathing compounds. Fluctuations in raw material prices, driven by

Jonard Optical Fiber Cable Sheath Stripper & Ring Tool

The JIC-4366 Cable Sheath Stripper from Jonard is used to ring-cut many types of tight buffer, loose tube buffer, breakout cables and other types of jacketed fiber

The FOA Reference For Fiber Optics

The frequency of problems caused by fiber optic tools is high: their poor design, improper use, poor condition or the unfamiliarity with their use are all sources of

Fiber Accessories Cable/Fiber Access Tools, SST-Drop™ Cable

FDST-000 Fiber Accessories Cable/Fiber Access Tools, SST-Drop™ Cable Sheath Access Tool for end or mid-span access Typically ships in 28 day (s) Actual lead time confirmed upon receipt of order.

All Dielectric Self Supporting Fibre Cable(ADSS)

ADSS cable's full name is All Dielectric Self Supporting Cable, which is also called non-metallic all-dielectric self-supporting fiber optic cable. It is widely used in power communication systems for its

Amazon : Fiber Optic Tools

Moocci Visual Fault Locator Fiber Optic Tester - Fiber Optic Cable Tester Meter with FC to LC Adapter - Tools Tester Kit for LC/FC/SC/ST, Network Cable Test 300+ bought in past month You pay \$18.03

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 performance.

FITEL CS201 Cable Sheath Stripper

The need for fast Mid-Span Access to the fiber cable core is very important for the rapid growing FTTx market. The CS201 is a tool which can perform mid span sheath stripping reliably, easily, and safely

Cable Slitting & Shaving Tools For Fiber Optic Cable

Ripley professional grade Cable Slitting & Shaving Tools For Fiber Optic Cable feature buffer tube shavers and fiber optic cable slitters.

Contact Us

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

Website: <https://www.sky-connect.co.za>

Email: info@sky-connect.co.za

Phone: +44 20 7946 0958

Address: 1 Cornhill, London EC3V 3ND, United Kingdom

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