

Longitudinal stripping of optical cable bundle tubes



AI Overview

Longitudinal stripping of optical cable bundle tubes involves using specialized tools to carefully open the outer tube of fiber optic cables without damaging the internal fibers. Overview Longitudinal stripping is a critical step in fiber optic cable splicing and termination, where the outer bundle tube of a loose tube or central tube cable is cut along its length to expose the optical fibers inside. This process must be precise to avoid fiber damage, which can compromise signal quality and cable integrity. Tools Used Specialized longitudinal bundle tube strippers or loose tube slitting knives are used for this purpose. Key features include: Blade Material: High-quality super alloys or SK-5 steel are commonly used for durability and wear resistance, allowing repeated use without frequent replacement. Guide Grooves: Tools often have multiple guide slots to accommodate different tube diameters, typically ranging from 1.5mm to 11mm. Open Structure: Many strippers feature an open design for easy insertion of the cable and quick operation, often with double-sided blades for efficient cutting. Ergonomics: Lightweight, portable, and sometimes compact enough for one-handed operation, making them suitable for fieldwork, wall-mounted, or riser-installed cables. Operational Details Select the Correct Guide Slot: Match the tool's guide groove to the tube diameter to ensure a clean cut. Insert the Cable: Place the optical cable into the open structure of the stripper. Draw the Blade Along the Tube: Slowly and evenly move the blade along the length of the tube to create a longitudinal slit. Extract Fibers: Once the tube is opened, carefully remove the optical fibers for splicing or termination. Applications Outdoor and indoor fiber optic splicing Telecom and data center maintenance Cable repairs, upgrades, and installations Advantages Precision: Minimizes risk of fiber damage. Versatility: Suppor...

Article Content

The difference between layer stranded optical cable and

In comparison, layer-stranded optical cables are used more, but the price is also higher than that of central bundle tube optical cables. If the number

Loose Tube Slitter

Shop our loose tube slitters for efficient cable stripping. Ideal for fiber optic and other cables. Precision and durability for various applications.

Fiber Optic Cable Center Bundle Stripper, Fiber Loose Tube

SIMPLE AND PRACTICAL OPERATION: This fiber optic cable center bundle stripper features a straightforward design that is not crude but very practical requiring only to close the upper

Optical Fiber Stripper

Trader - Retailer of Optical Fiber Stripper - Fiber Optic Round Cutter, Fiber Optical Loose Tube Slitter, Optic Fiber Cable Round Cutter and SI-01 Longitudinal Opening Knife Longitudinal Sheath Cable

CLS-03 5 ports Longitudinal center pipe stripping tool

Widely applied to the cable center beam tube longitudinal stripping, a great tool for industrial use. The open structure, with five different sizes of guide grooves and

Fiber Optic Cable Tools

125um to 3mm Stripping Diameter Pro'sKit® Fiber Optic Cleaver FB-1601 Up to 48,000 Times Longitudinal Buffer Tube Slitter FS-45 Supermalloy 1.5-3.3mm Stripping Diameter FTTH Drop Cable

Amazon : Fiber Optic Tools

Signal fire Fiber Optic Stripper, 9 in 1 Fiber Optic Stripper Tool, Wire Cutters Pliers Electrician Tools for Wire Stripping Cutting & Cleaning, Fiber Cable Stripping Tool for Technicians 50+ bought in past

Loose Tube Fiber Optic Cable Stripper-FlyingFiber

The loose tube fiber optic cable stripper is designed for both transverse bundle stripping and longitudinal cutting of optical cables.

Loose tube buffer tube stripper A-1233 fiber optic mid span cable ...

Loose tube buffer tube stripper A-1233 fiber optic mid span cable cutting tool longitudinal bundle stripping range 1.2-3.3mm Longitudinal bundle stripper Equipped with 12 spare blades

Longitudinal Center Pipe Stripping Tool OFS-37-OFT

The tool uses the open style structure, with five different sizes of the guide slot and a ten sharp blade, the diameter of 4.5mm- 11mm fiber optic bundle tube

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This document contains a long list of words beginning with "ab-" or "ac-". It does not appear to be a coherent text, but rather a collection of unrelated terms.

Loose Tube Slitter FFS09-FutureFiber Solutions

It easily slits the PVC cable jacket into two halves before crimping. In both field and plant applications, time is saved and consistency is resulted with this precise and innovative tool.

Fiber Optic Cable Jacket Loose Tube Longitudinal Cutter Beam Tube ...

"Fiber optic Cable Jacket loose tube longitudinal Cutter Beam tube longitudinal stripping Tool introduction: 1.Loose tube longitudinal cutter is made of super special alloy,smooth edge. 2 easily

Original Bundle Tube Fiber Cable Stripping Tool Loose Casing Optical ...

Mini fiber optic cable slitter is an efficient and portable tool, which can slits the PVC cable jacket into two halves easily. The consistency is resulted with this precise and innovative tool.

Fiber Optic Cable Jacket Stripping Tool, 4.5-11mm, Black ...

Product Description The diameter of 4.5-11 fiber optic bundle tube longitudinal stripping Longitudinal Center Pipe Stripping Tool Loose tube longitudinal cutter introduction: 1.The blade adopts a special

Fiber Cable Stripping Tool Fiber Optic Longitudinal Bundle Stripper ...

Fiber optic longitudinal bundle tube stripper, loose tube cable cutter, also known as loose tube longitudinal stripping knife, longitudinal bundle tube knife, is mainly used for longitudinal stripping of

Fiber Optic Cable Center Bundle Stripper, Open Tube Cutter

HIGH QUALITY MATERIAL: Our fiber optic cable stripper is made of durable ABS and alloy material, ensuring long-lasting performance and wear resistance. The incisive blade is crafted

Fiber Optic Longitudinal Bundle Stripper Loose Tube Cable Cutter

Fiber optic longitudinal bundle tube stripper, loose tube cable cutter, also known as loose tube longitudinal stripping knife, longitudinal bundle tube knife, is mainly used for longitudinal stripping of

CLS-03 5 ports Longitudinal center pipe stripping tool

Stripping Size: Approx. 4.5mm, 6mm, 7mm, 8mm, 11mm Open cover design Widely applied to the cable center Size: Approx. 57.5*67*30mm The open structure, with five different sizes of guide grooves

4.5-11mm Tube Cutter,Fiber Optic Buffer Loose Tube Cutting

Designed for industrial cable prep. Tube Slitter for 4.5-11mm Fiber Optic Loose Tubes: Features five precision guide slots (4.5, 6, 7, 8, 11mm) for accurate longitudinal slitting of buffer tubes without

-05 Longitudinal cable stripper

It is comfortable and easy to operate Sharp edge / simple operation / longitudinal stripping Adjust channel size easy determination of tube bundle size Detail display

Fiber Optic Stripping Tool

Product Description Fiber optic longitudinal bundle tube stripper, loose tube cable cutter, also known as loose tube longitudinal stripping knife, longitudinal bundle tube knife, is mainly used for longitudinal

FF-408 Fiber Cable Loose Tube Slitter

The longitudinal beam tube stripping for outdoor fiber optic cable cutover time. Open center beam tube outer diameter have four choices for the top and bottom of the open-sided beam tube opening, easy

Cable Preparation Best Practices for Fiber Optic Indoor/Outdoor ...

This best practices document is a step-by-step guide for end and midspan access of loose tube optical cable, including sheath removal, core preparation, and fiber preparation.

Fiber optic tool longitudinal beam tube loose tube stripper Cable ...

The longitudinal beam tube stripping for outdoor fiber optic cable cutover time. Open center beam tube outer diameter have four choices for the top and bottom of the open-sided beam tube opening, easy

Fiber Optic Single-Core Central Tube Stripping Tool Model K1 Cable ...

Key attributes Type Cable sheath stripping tool Use Longitudinal stripping of optical cables Model Number K1 Place of Origin None

Fiber optic cable stripper two-piece set SI-01 Longitudinal ...

About this item Two-piece:SI-01 Longitudinal Opening Knife and Lateral tube cable slitter SI-01 Longitudinal Stripper for 2 core-288 core large number amoring fiber optic cable; Lateral tube stripper

Longitudinal Buffer Tube StripperCable Jacket Slitter

The longitudinal beam tube stripping for outdoor fiber optic cable cutover time. Open center beam tube outer diameter have four choices for the top and bottom of the open-sided beam tube opening, easy

Longitudinal Cable Peeler, Aluminum Fiber Optic Peeler, Optical Cable ...

Purchase options and add-ons SPECIFICATIONS: Our optical longitudinal cable bundle stripper comes with 2 replacement blades and is capable of cutting optical cables with diameters of

Contact Us

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