Special tools for longitudinal cutting of optical cables



Overview

Proffesional Cable Sheath longitudinal Cutter Professional tool for longitudinally cutting the corrugated copper, Steel or aluminium sheath of optical fibr.

Key Takeaways

Specialized longitudinal cable cutters and strippers are used to safely slit optical cable jackets and sheaths without damaging the internal fibers.

Professional Longitudinal Cutters

Professional tools are designed to cut the outer jackets or sheaths of optical cables, including plastic, polyethylene, PVC, steel, or aluminum armor, in a longitudinal direction. These tools allow for precise depth adjustment to accommodate different cable diameters (typically 8–28. 6 mm for general-purpose cutters and 10–25 mm for armored cables) and various shielding types.

They often feature conical or slotted cable supports to stabilize the cable during cutting, ensuring smooth and controlled movement.

Key Features

Adjustable Blade Depth: Enables cutting through different materials without damaging the internal fibers. Ergonomic Handles: Designed for comfort during extended use, reducing technician fatigue. Versatility: Can handle a wide range of cable types, including armored, corrugated, or reinforced optical cables.

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Precision Cutting: Some tools allow both longitudinal and circular cuts, useful for mid-span access or preparing cable ends. Material Compatibility: Suitable for PVC, PE, steel armor, aluminum, and non-metallic reinforced sheaths.

Specialized Slitters and Strippers

For mid-span access or high-precision work, slitters are used to longitudinally open the cable jacket without cutting the fibers inside. These tools are essential for cables containing Kevlar or other high-strength fibers, which can dull standard scissors. High-quality slitters often include: Clear depth scales for precise cutting.

Robust cutting blades made from high-grade steel or aluminum alloy. Compatibility with multi-core cables, ranging from 2 to 288 cores.

Recommended Use

Adjust the cutter or slitter to the appropriate depth for the cable type. Secure the cable in the support slot or conical guide. Pull the cutter along the cable sheath in a controlled motion to achieve a clean longitudinal cut.

For armored cables, ensure the blade is capable of slicing through metal layers without deforming the fiber core. Using these tools ensures safe, efficient, and precise preparation of optical cables for splicing, termination, or mid-span access, minimizing the risk of fiber damage and signal loss.

Article Content

Proffesional Cable Sheath longitudinal Cutter

Professional tool for longitudinally cutting the corrugated copper, Steel or aluminium sheath of optical fibre and other shielded cables. The versatile design allows for

Longitudinal Cable Sheath Cutter-ARTIC FIBER TECHNOLOGY

It is an ideal tool in cable sheath slitting for both divided and un-divided cables. Simply turn the center axis with thumb and forefinger. 4 positions are available for different cable sheath thickness.

Fiber Optic Longitudinal Slitter: Top Solutions

A Fiber Optic Longitudinal Slitter is a precision-engineered mechanical device designed to slit the outer jacket of fiber optic cables along their

Longitudinal Cable Slitter (4-10mm) | Ring & Slit Armored Cable

Safely slit and ring fiber optic and armored cables (4-10mm OD). This professional tool performs precise longitudinal cuts and circumferential strips on jackets and armor in one go.

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Adjustable Fiber Optic Cable Sheath Slitter KMS-K

The KMS-K cable sheath cutter is an ideal tool for the construction and maintenance of fiber optic cable for longitudinal stripping cable. The cutter is composed of

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

It is an ideal tool in cable sheath slitting for both divided and un-divided cables. Simply turn the center axis with thumb and forefinger. 4 positions are available for different cable sheath thickness.

Longitudinal Wire Stripper Optical Cable Jacket Slitter

The blade is made of high quality metal, cutting the cable sheath is more labor-saving. And it adopts double blade design, and the blades on both side are

1.5mm-3.3mm Longitudinal Stripping Tool for Fiber

It easily strips the PVC cable jacket into two halves before crimping, in both field and plant applications. The tool is made of super special alloy, smooth edge, and it

Longitudinal Cable Sheath Slitter for Optical Cables with

Longitudinal Cable Sheath Slitter is designed for effortless and precise cutting of optical cable sheaths. It features a special fixing device for optical cables,

Cruiser Optical Cable Sheath Cutter KMS-K Cable Longitudinal Cutting ...

Product description kms-k longitudinal optical fiber / split sheath / stripping pliers / Description Tool for longutudinal tenons plastic cable sheaths with different thicknesses. Applicable either at the

Longitudinal Wire Stripper Optical Cable Jacket Slitter

Fiber Optic Wire Stripper KMS-K Longitudinal Optical Cable Jacket Slitter Cable Sheath Cutter Yellow and Grey Dual Color adapter The yellow adapter is a

Armored Fiber Optic Cable Stripping Tool SI-01, Longitudinal

Armored Fiber Optic Cable Stripping Tool SI-01, Longitudinal & Window Peeler, Mid Span Stripper With Adjustable Cutting Depth, 2/5" to 1" Diameter (2 Spare Blades)

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

Fiber Optic Cable Tools

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

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 known as optical fiber cable strippers, they hold

Fiber cable sheath longitudinal cutter tool

A Fiber cable sheath longitudinal cutter tool is a specialized tool used to make long, straight cuts along the length of a fiber optic cable''s outer sheath. This tool

Fiber Optical Cable Sheath Cutter Kms-K Cable

KMS-K Longitudinal Cable Sheath Slitter / cutter Description: Tool for safe longutudinal slitting of plastic cable sheaths with different thickness. Applicable

Fiber Optic Cross and Longitudinal Cable Cutter CT-105/SI-01 Optical ...

Two parts: SI-01 longitudinal opening knife and CT-105 side cable cutter. SI-01 longitudinal wire stripper for 2-core, 288-core, large number of Amoring fibre optic cables.

Related Video Reference

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

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