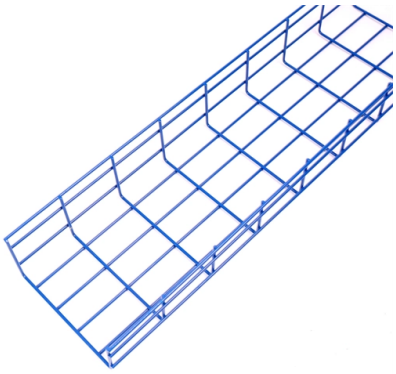
Use of optical cable longitudinal outer sheath stripping tool



Overview

Longitudinal Cable Sheath Cutter is stored in handy plastic case with wrench for 3mm cap screw removal. It is an ideal tool in cable sheath slitting for both divided and un-divided cables.

Key Takeaways

A longitudinal cable sheath stripping tool is used to safely and efficiently slit the outer jacket of fiber optic cables along their length, enabling mid-span access, branching, or termination without damaging the internal fibers.

Purpose and Applications

Longitudinal sheath strippers are designed to remove the PVC or PE outer jacket of optical cables while preserving the integrity of the internal fibers and strength members. They are particularly useful for: Mid-span branching or tapping of fiber optic cables. Cable termination and preparation for splicing.

Stripping cables of various diameters (typically 6–30 mm) depending on the tool model. Handling loose tube or ribbon-type cables.

Tool Features

Adjustable blades: The cutting depth can be set according to the thickness of the cable sheath to prevent damage to fibers. Blade revolvers or ratchets: Allow precise positioning and adjustment for different cable diameters. Wire clamp compatibility: Helps secure the cable during stripping for safer and faster operation.

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Longitudinal and circumferential cutting: Some tools, like the RCS-0425, can perform both longitudinal and radial cuts for versatile cable preparation.

Step-by-

Step Usage

Set the blade: Loosen the thumb knob and rotate the blade assembly to the longitudinal position. Position the cable: Place the cable in the tool opening and adjust the roller or clamp for a snug fit. Tighten the blade: Secure the blade in position for a longitudinal cut.

Slide the tool along the cable: Pull the tool down the length of the cable to slit the sheath. For cables with external strength members, allow the tool to follow the lay of the members, which may create a slight spiral. Perform a second cut if needed: Rotate the tool 180° and repeat the longitudinal cut for complete sheath removal.

Open the sheath: Use pliers or a screwdriver to split the cable along the slit and trim as necessary.

Safety and Efficiency Tips

Always adjust the blade depth to match the sheath thickness to avoid cutting internal fibers. Use steady, controlled motion when sliding the tool along the cable. Replace or sharpen blades as needed to maintain clean cuts and reduce effort.

For smaller cables or pigtails, specialized fiber strippers like FOS03 or CFS-2 can be used for precise outer sheath removal.

Summary

Optical cable longitudinal sheath stripping tools are essential for efficient, safe, and precise removal of cable jackets. They reduce manual effort compared to knives or handsaws, allow for adjustable cutting depth, and are suitable for a wide range of cable types and diameters, making them indispensable in fiber optic installation and maintenance.

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Article Content

Longitudinal Cable Sheath Slitter SI-01-OFT

SI-01 Sheath Stripper is a tool designed to strip optic cables of sheath with least human efforts. Using Wire Clamp together, you can strip sheath from optical

Fiber and Cable Stripper – Types, Uses & Guide

First, strip the outer sheath of the optical fiber with optical fiber strippers; remove the stripped outer sheath of the optical fiber; and finally, cut the

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SI-1 Sheath Stripper is a tool designed to strip optic cables of sheath with least human efforts. Using Wire Clamp together, you can strip sheath from optical cables more easily and quickly than using

Longitudinal Cable Sheath Cutter-ARTIC FIBER TECHNOLOGY

Longitudinal Cable Sheath Cutter is stored in handy plastic case with wrench for 3mm cap screw removal. It is an ideal tool in cable sheath slitting for both divided and un-divided cables.

Fiber Stripping Tools | Emtelle

Fibre Stripper suitable for stripping the outer jacket of Emtelle''s 2/4 microcable and aides in the removal of the underlying resin.

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SI-01 Longitudinal Opening Knife: The Real-World Performance of a

The article evaluates the SI-01 Longitudinal Opening Knife as a cable sheath stripper, confirming its effectiveness in precisely removing sheaths from 10–25mm fiber optic cables without damaging

Remove Outer Sheath | Sheath Strippers | Strip MV HV

The Alroc OGA heavy duty cable outersheath removal tool is manufactured by Alroc and enables a longitudinal cut to be made on the outer sheath of single and multi

Sheath Removal Tool PG4

Alroc PG Series cable tools are used by MV-HV jointers to remove the outer sheath in order to prepare the cable ready for the installation of joints, terminations of

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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 otic performance.

Fiber Cable Slitters Types Prices & Technical Specifications

Fiber Cable Slitters a simple-to-use and effective tool to remove the outer jacket of optic fiber cables. Fiber is placed in the groove and the Cable Slitter is moved along the length to cut the sheath.

Fiber cable sheath longitudinal and horizontal cutter

A fiber cable sheath longitudinal and horizontal cutter is an indispensable tool for fiber optic technicians, ensuring clean and efficient stripping of the cable''s

Cable Slitters

Use for simplex fiber and a variety of fiber optic cables up to 1/8 inch diameter. Loose tube fiber demands a precision tool capable of cutting different buffer tube

Fiber Optic Tool SI-01 Cable Longitudinal Sheath Stripper 10

Description SI-1 Sheath Stripper is a tool designed to strip optic cables of sheath with least human efforts. Using Wire Clamp together, you can strip sheath from optical cables more easily and quickly

Cruiser Optical Cable Sheath Cutter KMS-K Cable Longitudinal

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

1.5mm-3.3mm Longitudinal Stripping Tool for Fiber

The Longitudinal Stripping Tool is an efficient and indispensable tool for fiber optic cable termination. It easily strips the PVC cable jacket into two halves before

Fiber Optic Tool SI-01 Cable Longitudinal Sheath Stripper 10

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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

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