ZITHA TECH SPECIALTY CABLES (Pty) Ltd

Optical Cable Sheath Stripping Tools



Overview

Fiber Optic Tool SI-01 Cable Longitudinal Sheath Stripper MidDescription SI-01 Sheath Stripper is a tool designed to strip optic cables of sheath with leas.

Key Takeaways

Optical cable sheath stripping tools are specialized devices designed to safely and precisely remove the outer jacket or sheath of fiber optic cables, enabling access to the internal fibers without damage.Key Features and Functions

Precision and Adjustability: High-quality stripping tools allow precise control over blade depth to avoid damaging delicate fibers. Tools like the SI-01 feature an adjustment nut with 0.25 mm increments for accurate depth control, suitable for cable diameters from 10 mm to 25 mm and various sheath materials including PVC, PE, and steel armor . Ergonomic Design: Many tools are designed with non-slip, ergonomic handles to reduce hand fatigue during extended use. Spring-loaded or coil-spring mechanisms, as seen in Jonard Tools models, enhance control and precision for technicians . Material Compatibility: Professional tools can handle a wide range of sheath materials, from standard PVC jackets to armored or reinforced cables. Some tools, like the FibreFast™ Sheath Stripper, can strip buffered fiber up to 2360 µm and jacketed fiber up to 3.5 mm . Versatility: Advanced tools offer multiple cutting modes, including longitudinal, spiral, and circular cuts, allowing end stripping, mid-span stripping, and full jacket removal. Tools like the CST-4000 support multiple cable sizes and cutting styles for efficient workflow . Professional-Grade Construction: Tools are often made from durable materials such as aluminum alloy or hardened steel to ensure stability and longevity, even when cutting through tough armored sheaths .

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Types of Optical Cable Stripping Tools
• Hand Strippers: Simple, ergonomic tools for small-diameter cables and buffered fibers, often preset for specific jacket sizes .

• Longitudinal Strippers: Designed for cutting along the length of the cable, ideal for armored or multi-core fiber cables .

• Hot Knife Tools: Use heat to cut through thick or armored sheaths without fraying fibers .

• Programmable or Machine Strippers: Automated devices like the Schleuniger B300 provide high-precision stripping for large-scale operations .

• Specialized Scissors and Shears: Kevlar scissors and jacket stripping tools are used for cutting strength members and tight jackets .
Applications

Optical cable sheath stripping tools are essential for fiber optic installation, maintenance, and repair, including FTTH (Fiber to the Home) deployments, industrial fiber networks, and telecommunications infrastructure. They ensure clean, precise access to fibers, reduce the risk of damage, and improve installation efficiency .

Conclusion

Choosing the right optical cable sheath stripping tool depends on cable type, sheath material, diameter, and the required precision. Professional tools from brands like Jonard Tools, Ripley® Miller, and Emtelle provide a range of options from manual hand strippers to advanced programmable machines, ensuring safe and efficient fiber optic cable preparation .

Article Content

Fiber Optic Tool SI-01 Cable Longitudinal Sheath Stripper Mid

Description SI-01 Sheath Stripper is a tool designed to strip optic cables of sheath with least human efforts. Using Wire Clamp

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

Fiber Stripping Tools

Jonard Tools manufactures a large range of fiber optic stripping tools specifically designed for technicians

SI-01 Fiber Optic Cable Stripping Tool for Armored Sheaths ...

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Comprehensive Stripping Kit: Each unit includes the SI-01 cable opener along with two spare blades for continued maintenance and

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

Fiber Optic Stripping Tools – trueCABLE

Accurate cable stripping is the foundation of every successful fiber optic installation. Our fiber optic

Jacket Stripping Tool | Emtelle

Jacket Stripping Tool is designed to strip the outer sheath from tight jacket Cables/Microcables.

Fiber Optic Cable Slitter, Cable Sheath Cutter

Choose from Specialized Products'' selection of fiber cable slitters and cable stripping tools from the top brands in the business -

Fiber and Cable Stripper – Types, Uses & Guide

45-162 Buffer Tube Coaxial Cable Stripper is an ideal removal tool for optical fiber loose casing horizontally and can be

Amazon : Fiber Optic Tools

FTTH Fiber Optic Cold Connection Assembly Termination Tools Kit Bag with Visual Fault Locator Fiber Cleaver SC FC Connector

Armored Fiber Optic Cable Stripping Tool SI

□Wide use□: This cable stripper can cut sheaths of various materials. Such as PVC, PE, steel armor

Young Dance Armored Cable Stripper 8-28mm Wire Coax Mid Span

□□□Wide Application□□Fiber Optic Cable Stripper is a professional armored cable sheath cutting tool,

Fiber Stripping Tools | Emtelle

Jacket Stripping Tool is designed to strip the outer sheath from tight jacket Cables/Microcables.

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

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Description KMS-K Longitudinal Cable Sheath Cutter is stored in handy plastic case with wrench for 3mm cap screw removal. It is an

Fibre Optical Stripping Tool, Strip Fibre Cable | Blake UK

Achieve precise stripping of fibre optic cables with the Fibre Optical Precision Stripping Tool. Ideal for

Jonard JIC-4366 Fiber Optic Cable Jacket Slit & Ring Tool

About this item VERSATILE FIBER CABLE TOOL: Perfect for any fiber technician, the Jonard Tools JIC-4366 is designed to slit and

Longitudinal Cable Sheath Slitter SI-01-OFT

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4-10MM Transverse Armoured Cable Stripping Knife

The tool can be replaced with a blade. □Application□□The tool design is suitable for multi-core cables with sheathed or armored

Cable Preparation

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From the Drop Sheath Cutter to the Flat Drop Cable, here at Opt Services we have a range of fibre optic

Jonard Tools CST-4000 Round Cable Stripper for Fast and ...

Round Cable Strip & Ring Tool for Large Cables CST-4000 The big brother to our popular CST-1900, the PATENTED CST-4000

SI-01 Fiber Optic Cable Stripping Tool for Armored Sheaths ...

It is compatible with fiber optic cables containing 2 to 288 cores. Comprehensive Stripping Kit: Each unit includes the SI-01 cable

Armored Fiber Optic Cable Stripping Tool SI-01,Longitudinal

□Wide use□: This cable stripper can cut sheaths of various materials. Such as PVC, PE, steel armor sheath and non-metallic

Young Dance Armored Cable Stripper 8-28mm Wire Coax Mid Span

□□□Wide Application□□Fiber Optic Cable Stripper is a professional armored cable sheath cutting tool, suitable for feeder cable,

Fiber Stripping Tools | Emtelle

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Comprehensive Stripping Kit: Each unit includes the SI-01 cable opener along with two spare blades for continued maintenance and

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

OSP Tool Kit | Jonard Tools

It includes a rugged backpack and a variety of tools for multiple applications such as stripping, ringing,

Fiber Optic Stripping Tools – trueCABLE

Our fiber optic stripping tools are meticulously designed for clean, consistent results without damaging

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