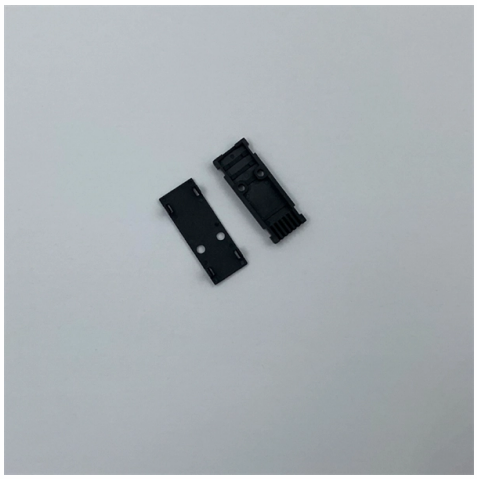
Horizontal stripping of outdoor optical cables



Overview

The Fiber Cable Slitters precision-designed tools engineered for safe slitting, stripping, and jacket removal across fiber optic indoor, outdoor, and armored cables.

Key Takeaways

Horizontal stripping of outdoor optical cables involves using specialized fiber cable slitters or armored cable strippers to remove the outer jacket or armor safely without damaging the internal fibers.

Tools for Horizontal Stripping

Fiber cable slitters are precision tools designed to cut or open the outer jacket of optical cables along their length. They are suitable for multicore, sheathed, or armored outdoor cables and allow controlled cutting depth to prevent fiber damage. Common types include mid-span slitters, jacket slitters, and armored cable slitters, often made with hardened SK5 steel or tungsten carbide blades for durability and precision.

Armored cable strippers can rotate the blade 90 degrees, enabling both circular and longitudinal (horizontal) cuts. This feature allows technicians to strip the cable jacket or armor efficiently while maintaining stability and reducing labor effort. Ergonomic designs with reinforced grips or anodized aluminum bodies improve handling during field operations.

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Stripping Procedure

Measure and mark the section of cable to be stripped. Adjust the cutting depth on the slitter or stripper to match the cable jacket thickness, ensuring the internal fibers are not nicked. Position the cable in the tool groove and move the slitter along the cable length for a clean horizontal cut.

Remove the jacket or armor carefully, exposing the internal fibers or buffer tubes for splicing or termination. Inspect the fibers for any damage before proceeding with splicing or connectorization.

Best Practices

Use precision tools to avoid scratching or nicking the optical fibers. For outdoor cables, follow industry standards such as Telcordia GR-20 for mechanical and environmental requirements. Ensure ergonomic handling to reduce fatigue during long installations.

For flat drop or specialty cables, consider FTTX-specific kits that include scribes, cleavers, and strippers for efficient preparation. By using the correct tools and following proper procedures, horizontal stripping of outdoor optical cables can be performed safely, efficiently, and in compliance with professional cabling standards.

Article Content

Fiber Cable Slitters Types Prices & Technical Specifications

The Fiber Cable Slitters precision-designed tools engineered for safe slitting, stripping, and jacket removal across fiber optic indoor, outdoor, and armored cables.

Fiber Optic Cable Stripper, Horizontal Cutting & Longitudinal ...

Dual-Mode Stripping Capability: Unlike basic strippers, this Fiber Optic Cable Stripper combines horizontal cutting and longitudinal slitting in one tool — the circular blade enables controlled slit-and

Fiber Strippers – tools, mechanical, thermal, chemical,

Fiber strippers are precision tools that reliably and cleanly remove a defined length of coating (often 30–40 mm) from a fiber end so that the bare glass is exposed

Optical Fiber Stripping Knife 8-30MM Armored Cable Cutter Horizontal ...

Supports stripping of optical cables with a wire diameter of 8-30mm, especially suitable for armored optical cables and outdoor multi-core cables. Some models are equipped with an extended function

Armored Fiber Optic Cable Stripping Tool SI

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

Fiber optic cable stripper A-F9 for 8-30mm cables horizontal and ...

□Scope of peeling□ Fiber optic cable cutting blade adopts a double headed structure blade design: through the working mechanism of horizontal and vertical cutting, it is suitable for various fiber optic

5 Wire Optical Fiber Stripper, Longitudinal Ribbon Fiber Cable

About this item EASY TO USE: The 5 Wire Optical Fiber Stripper features a compact structure and open cover design, making it easy to operate and safe to handle. Simply place the fiber

Fiber Cable Strippers

Proper stripping of the fiber cable jacket is essential to expose the fiber without causing damage, which is crucial for successful fiber splicing. Explore our

Fiber Stripping Tools

Trusted since 1958, Jonard''s Fiber Stripping Tool is a must-have for all fiber technicians. Shop Jonard''s popular collection of fiber optic cable stripper 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 performance.

Stripping Techniques For Your Fiber Optic Cable Assembly Process ...

Good fiber optic stripping techniques in your cable assembly process are crucial. See best practices for how to strip fiber optic cable buffers & jackets.

Horizontal Outdoor Optical Cable Splice Closure Start Guide

Fiber cable in 50mm length: the distance from seal fitting to fiber cable pressboard. Fiber cable in 2020mm length: it is used to be winded and spliced after stripping. Fiber with protective coat in

Corning Freedm One, 6 Strand, Indoor/Outdoor ...

Corning FREEDM One, 6 Strand, Indoor/Outdoor, Singlemode, Plenum, Fiber Optic Cable, (OS2) General Description Corning Cable Systems FREEDM® One Cables are flame -retardant, UV

Fiber Optic Drop Cable –Types, Structure & FTTH Applications

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Learn what fiber optic drop cable is, its main types, structures, and FTTH applications. Compare indoor, outdoor, flat, and aerial drop cables for your project.

25 types Fiber Optic Strippers for Various Cable Jackets

When stripping fiber optic cable, a professional-quality stripping tool makes your job easier by providing a clean cut. Different fiber strippers are designed to remove

Boyan Fiber Optic Cable Stripper

Efficiently strip and open fiber optic cables with the Boyan BY-CC-10. Ideal for construction and maintenance, this integrated opening knife tool simplifies fiber

The FOA Reference For Fiber Optics -Outside Plant

The following items are key considerations in preparation for installing the fiber optic cable when the construction is ready for cable placement. Optical fiber cable

The Complete Guide to Fiber Optic Cable Management

Ultimate fiber optic cable management guide: Best practices for installation, organization & maintenance - ensure network reliability.

Related Video Reference

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