

Stripping of round optical cables



AI Overview

Stripping round optical cables involves carefully removing the outer jacket, aramid yarn, and fiber coatings using specialized tools to expose the bare fiber without causing damage.

Tools for Stripping Optical Cables

Fiber Strippers: Precision tools designed to remove polymer coatings (acrylate, silicone, polyimide) from fibers, exposing the glass core without scratches or nicks. They come in mechanical, thermal, or non-contact types and are often adjustable for different fiber diameters and coating thicknesses ().

Cable Strippers and Scissors: Tools like the CFS-2 or RCS-0425 allow stripping of outer jackets and insulation layers of round cables, including PVC or low/medium voltage optical cables. They use slots or blades to cut the sheath and can handle diameters from 2 mm up to 25 mm or more ().

Advanced Multi-Action Tools: Tools such as the CST-4000 enable longitudinal, spiral, and circular cuts for large round cables (19–40 mm), with adjustable spring-loaded blades for precise stripping ().

Stripping Process

Preparation: Work in a clean, well-lit area. Inspect the cable for damage, kinks, or bends before stripping ().

Outer Jacket Removal: Use a cable stripper to make a radial or spiral cut around the cable. Carefully remove the jacket to expose the aramid yarn or buffer layers ().

Aramid Yarn and Buffer Stripping: Remove aramid fibers carefully to avoid damaging the inner fibers. For multi-layer cables, strip each layer progressively, starting with the jacket, then yarn, then buffer ().

Fiber Coating Removal: Use a fiber stripper to remove the polymer coating from the glass fiber. Adjust the blade depth according to the fiber diameter and coating type. Typical strip lengths are 30–40 mm, but avoid exceeding 50 mm at a time to prevent fiber damage ().

Cleaning and Inspection: Clean the bare fiber with high-purity alcohol or a dedicated fiber cleaner. Inspect the fiber end with a microscope or visual fault locator to ensure it is free of scratches, nicks, or debris ().

Cleaving: Use a fiber cleaver to create a clean, perpendicular end...

Article Content

Round Cable Stripper – With Adjustable Cutting Depth – For ...

Benefits and features • The unique design of this cable splitter allows circumferential, longitudinal and spiral stripping of wires and cables - the only stripper that works for window slits. • The blade has an

A-1940 round optical cable stripping knife 19-40mm armored ...

This stripper is a professional round cable stripper, which can quickly, safely and accurately strip the cable jacket of PE, PVC, rubber and other materials Triple action design because it can perform

Round Breakable Drop Cable Recommended Stripping Practice

This video explains how to strip the sheath from the Corning Round Breakable Drop Cable by engaging our easy to use FastAccess™ Technology.

Fiber and Cable Stripper – Types, Uses & Guide

Learn how to use fiber strippers, cable cutting scissors, and armored cable slitters. Discover their applications in fiber splicing, cable prep, and FTTH.

Fiber Stripping | Komax

The pneumatic wire and cable stripper, UniStrip 2545, is designed for jacket stripping of glass optical fiber (GOF) cables and discrete wires up to 3.2 mm (0.125") in diameter. With our service packages,

Preparation of fibre optic cables

Weicon Tools strippers enable the fast and safe stripping of all common round cables. The product line of stripping tools includes different

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

A Capella: A Unique Compilation | PDF | Wellness

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.

How to remove fiber/copper cable sheath and ring cut with Jonard's

The Jonard JIC-4366 cable sheath stripper and ring tool is ideal for copper cables, tight buffer optical fiber cables, and for slitting figure 8 or webbed cables. The tool is designed with two unique blades,

Good stripping techniques for your fiber optic cable

Without question, good stripping techniques in your fiber optic cable assembly process are imperative. What happens if you damage the fiber during this

The Ultimate Optical Fiber Stripper Guide

Explore Optical Fiber Stripper types and uses. Learn pro techniques for precise stripping to ensure reliable network performance with top tools.

Tips & Techniques for Using Stripping Tools on Fiber Optic Cable

READ THE BLOG: Good stripping techniques for your fiber optic cable assembly process Additional resources from the FOC team include: Category Resource FOC Fiber & Cable

Corning FASTACCESS Fiber Optic, how to strip and clean

For the Corning FASTACCESS fiber optic cable, I will show you how to remove the jacket and prep the cable for terminations. This is an outdoor rated

Fiber Optic Round Cable Stripper, 9 mm to 19 mm

Take home the ultimate cable solution by choosing this affordable Jonard Fiber Optic Drop Cable Slitter. Ensures easy to use.

Fiber Optics Stripping, Cleaving, Splicing, Recoating,

Fiber Optics Cleaving and Stripping Tools available from StockAMS Technologies offers the full range of must-have tools for field or production – including

Jonard Tools | Cable Cutting & Stripping | FiberOptic

Jonard CST-1900 Round Cable Stripper Buy Now \$59.95 The CST-1900 is designed for fast and precise jacket removal of PVC, rubber, PE and other jacket

Fibre Optic Cable Stripping Knife for 8-28mm Round Cable

The fibre optic cable stripping knife is a swivel-type cable sheath stripper for stripping all standard round cables with OD of 8-28mm diameter.

How to Strip and Prepare Fibre Optic Cable for

Introduction: Stripping and preparing fibre optic cables for termination is a critical step in the installation and maintenance of fibre optic

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

8-28MM Wire Stripper, FTTH Armored Fiber Optic Cable Stripper

8-28MM Wire Stripper, FTTH Armored Fiber Optic Cable Stripper, Coaxial Mid Span Cable Stripper, Radial Cutter, Slitting Tools with Adjustable Cutting Depth, 5/16" to 1 1/8" Diameter

The “golden rule” in stripping

Note the cable diameter and jacket thickness for each cable – Stripping cables and fibers is a delicate process. Carefully set your hand tool or machine tool to the right cable diameter and

Stripping Techniques For Your Fiber Optic Cable

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

Fundamentals of Fiber Optic Stripping | Johnny's Tool Box

In this video, John Bruno demonstrates the fundamentals of stripping fiber optic cable.

Fiber U Lesson Plan: Basic Fiber Optic Skills Lab

Lesson 3: Fiber Optic Cable And Fiber Preparation Objectives: From this lesson you should learn: How to identify typical fiber optic cables How to prepare cables for

Fiber Stripping Tools

Other fiber strippers like the patented CST-4000, Round Cable Strip & Ring Tool for Large Cables is designed for fast and precise removal of cable jackets from

167 Round Cable Stripper, Cable Stripping Tool, 3

167 Round Cable Stripper, Cable Stripping Tool, 3 Cutting Directions, with Ergonomic Handle and PTFE-Coated Housing, Stripper for 4.5-29mm Fiber

Contact Us

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