

How to strip the fiber optic cable bundle tube



Article Overview

Stripping an optical fiber cable bundle tube requires carefully removing the outer jacket, aramid yarn, and buffer layers in stages to avoid damaging the fiber.

Step-by-Step Process

1. Prepare the Cable and Tools Gather a fiber stripper, kevlar scissors, and lint-free wipes with alcohol for cleaning. Ensure the fiber stripper has grooves matching the fiber buffer diameters (e.g., 900 μm and 250 μm) and that blades are sharp to prevent nicks in the fiber . 2. Cut the Cable Use kevlar scissors to cut the cable to the desired length. If practicing, you can splice the pieces later . 3. Strip the Outer Jacket

- Measure and mark the length to strip.
 - Use the largest groove on the fiber stripper to gently cut the outer jacket.
 - Pull off the jacket carefully, avoiding damage to the underlying aramid yarn .
 - For armored outdoor cables, use a knife to cut the armor and ripcords, then pull the jacket off in pieces . 4. Trim Aramid Yarn
 - Cut the exposed aramid fibers close to the jacket end using kevlar scissors.
 - Wind the fibers into a bundle to make handling easier . 5. Strip the Buffer Layers
 - Strip the 900 μm buffer first in small increments (~6-8 mm at a time) using the appropriate groove on the fiber stripper.
 - Then strip the 250 μm buffer in similar small steps.
 - Hold the stripper at a 45-degree angle to reduce stress and prevent fiber breakage .
6. Clean the Fiber...

Article Content

How To Strip Fiber Optic Cable | Instructional

In this instructional video, Bob Licari, Test Equipment Product Manager, demonstrates a simple way to strip optical fiber.

Fiber Optic Strippers | Fiber Termination Tools

Multiple Hole Fiber Strippers for Extra Flexibility The F-STR-103D series fiber optic strippers allow to strip the 2 - 3 mm outer jacket,

Fiber U Lesson Plan: Basic Skills Lab, Remote

Lesson: Stripping Optical Fiber Cable Objectives: From this lesson you should learn: How to use these tools to strip cable to the bare

Fiber optic cable splicing and termination steps Guide

Move the protective tube to the middle of the fiber connector; after the protective tube is cooled, remove the protective

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 optic

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

Tips & Techniques for Using Stripping Tools on Fiber Optic Cable

If the blade of the strip tool contacts the bare fiber, it's easy to scratch the fiber OD, reducing product reliability. Click

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

Procedure for Cutting and Respooling Fiber Optic Cable

GENERAL 1.1 Improper use of a respooler (Figure 1) can cause damage to a cable jacket or result in wavy fiber in tight buffered

Fiber U Lesson Plan: Basic Skills Lab, Remote

You have successfully completed this exercise when you have been able to strip the jacket and both buffer coating layers from the

Fiber-Optic Tools | McMaster-Carr

Cut and strip fiber-optic cable. 2 Pieces— 2-piece kits include a wire cutter with high-carbon stainless steel blades that are strong

What kind of fiber and best way to strip it? new to fiber and ...

For stripping the blue tube (the buffer tube), you use the largest hole in the 3-hole stripper. You then will get coated glass that can be

How to prepare indoor outdoor stranded loose tube fiber-optic cable ...

A recent evergreen technical brief from Panduit comprises a step-by-step guide for setting up end and midspan access of loose tube

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