

Armored optical cable cut



AI Overview

Cutting armored optical cables requires specialized tools like armored cable cutters or fiber cable slitters to safely remove the protective metal sheath without damaging the internal fibers.

Understanding Armored Optical Cables Armored fiber optic cables have a metallic protective layer, often made of steel or aluminum, surrounding the fiber cores. This armor protects the cable from physical damage, rodents, and environmental hazards, but also makes cutting more challenging compared to standard fiber cables.

Recommended Tools

- Armored Cable Cutters:** These are designed specifically to shear through the metal armor cleanly. Tools like the Southwire Rotary Cutter with Lever or the IDEAL 35-782 Sir Nickless Armored Cable Cutter provide precise, burr-free cuts and are preferred for professional use.
- Fiber Optic Cable Strippers:** Tools such as the Jonard armored cable stripper or the Armored Fiber Cable Slitter (4mm–10mm) allow you to strip the outer sheath without damaging the fiber cores. These tools often feature adjustable blades to control cutting depth and ergonomic handles for ease of use.
- Wire Cutters or Snips:** While possible, these are less effective for armored cables because the blades may not cut through the armor cleanly, risking damage to the fibers.

Cutting Procedure

Safety First: Ensure the cable is de-energized if it carries electrical signals. Wear protective gloves and safety glasses to prevent injury from sharp metal edges.

Adjust the Tool: Set the cutting depth on your stripper or slitter to match the cable diameter. Many tools have scales or adjustable nuts for precise depth control.

Position the Cable: Place the cable in the tool's slot, ensuring the blade aligns with the armor.

Cut or Slit the Armor: For rotary cutters, rotate the blade around the cable to slice through the armor. For slitting tools, pull the blade along the cable sheath to expose the fibers.

Remove the Armor: Carefully peel back the metal layer to access the fiber cores without nicking or stressing them.

Best Practices Use high-quality, durable tool...

Article Content

Amazon : Fiber Cutter

Armored Fiber Optic Cable Stripping Tool SI-01, Longitudinal & Window Peeler, Mid Span Stripper With Adjustable Cutting Depth, 2/5" to 1" Diameter (2 Spare Blades)

Amazon : Armored Cable Cutter

Discover efficient cable cutters designed for clean, burr-free cuts. Browse quality tools for electricians and DIY projects.

How to cut Armored Fiber optic cables cablewholesale

In this short video you will learn how to cut armored fiber optic cables with precision and safety. whether you're a professional technician or a DIY enthusi...

Armored Fiber Cable Cutting Tools: What's the Best

When it comes to armored fiber cable, there are a few different ways that you can go about cutting it. In this blog post, we will discuss the different

Armored Fiber Cable Slitter 4mm-10mm

Enhance your fiber optic cable preparation with the Armored Fiber Cable Slitter 4mm-10mm, designed for quick and precise slitting of armored and non-armored fiber cables.

Fiber Optic Cable Types Explained

Our comprehensive guide to types of fiber optic cables. Learn all about the differences between single mode and multimode cables, as well as the various

How to slit open and mid-access armored fiber optic cables?

Miller's ACS armored cable slitter. You can use it to slit open armored cable as well as regular jacketed cable. This little handle is to set the blade cutting direction. At this position, it is set to longitudinal cut.

3 Ways to Cut Armored Cable

However, this sturdy armor can make cutting armored cables a bit tricky. In this article, we'll walk you through three effective ways to cut armored cable safely and accurately.

HES 24 Core Steel Armored Fiber Optic Cable SM 9/125μ Single Mode |

HES Brand Fiber Optic Cables HES brand fiber optic cables are designed with high performance and reliability, especially focusing on single mode fiber technology to meet long-distance transmission

HES 24 Core Multiple Tube Steel Armored Fiber Optic Cable SM

HES 24 Core Multiple Tube Steel Armored Fiber Optic Cable, SM 9/125 μ Single Mode. Provides high performance and reliable data transmission.

Cost of Fiber Optic Cable Per Foot – 2026 US

What is the real cost of fiber optic cable per foot in 2026? After analyzing 40+ U.S. fiber projects, we've assembled current material rates, labor burdens, and hidden

Armored Fiber Optic Stripping Tool | 4

This high-quality tool is perfect for slitting and rotary stripping of 4 - 10mm armored fiber optic cable jackets. Its durable, ergonomic design allows for safe and accurate cutting, ensuring minimal risk of

3 Ways to Cut Armored Cable

Spread the loveArmored cables are known for their durability and strength, thanks to an outer layer of metal designed to protect the inner wires from damage. However, this sturdy armor can make cutting

AMPCOM GYTA/GYTS/GYTA53 Outdoor Armored Fiber Cable:

1. What Are GYTA, GYTS, and GYTA53 Outdoor Fiber Cables? These are standard single-mode outdoor optical cable constructions defined by IEC and Telcordia GR-20. They all share

48 Fiber Fiber Optic Cables – Mouser

48 Fiber Fiber Optic Cables are available at Mouser Electronics. Mouser offers inventory, pricing, & datasheets for 48 Fiber Fiber Optic Cables.

HES 48 Core Steel Armored Fiber Optic Cable SM 9/125 μ Single Mode

HES 48 Core Multiple Tube Steel Armored Fiber Optic Cable, SM 9/125 μ Single Mode. Solution for high data traffic and high capacity.

The FOA Reference For Fiber Optics

Fiber Optic Cable Cable Types: (L>R): Zipcord, Distribution, Loose Tube, Breakout Cable provides protection for the optical fiber or fibers within it appropriate for the

3 Ways to Cut Armored Cable

Armored cable is used for electrical wiring installed in an area where it needs protection, like inside of walls. The best means for cutting it is to use cable cutters, which are designed

Armored Fiber Cable Cutting Tools: What's the Best

There are many fiber optic tools on the market today, but which one is the best way to cut your cables? When it comes to armored fiber cable, there

Armored Fiber Optic Cable Stripping Tool Si

□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

Armored Cable Slitter Tool

Its main purpose is to gain mid-span access to fiber optic conductors by slitting the outer jacket or jacket and armor on the above cables. The tool is designed with a groword 8-28MM Wire Stripper, FTTH Armored Fiber Optic Cable

Product description Product Features Wide Application Cable stripper is a armored cable jacket cutting tool for armored cables such as feeder cables, central tube cables, stranded cables or other 8mm-28mm (0.315"-1.102")cable. Exquisite Forging Precision steel blade will cut through the toughest materials,

OSP Outdoor Dry Loose Tube, Non-Armored, OS2 SM Fiber Optic Cable ...

Durable OSP Dry Loose Tube Fiber Optic Cable, Non-Armored, OS2 9/125. Designed with MDPE jacket, PBT tube, water blocking yarn, dielectric strength, and ripcord.

How to Cut Armored Cable Without Damaging Wires

Cut armored cable safely and precisely. Detailed guide on required tools, scoring techniques, and mandatory post-cut wire protection.

Fiber Optic Tech Tip: How To Cut Armored Cable

John Bruno gives a technical tip on how to cut fiber optic armor cable using tools of the trade.

How to Cut Armored Cable

Armored cables, or cables that are sheathed in steel armor, protect your wires while still offering flexibility. However, the armor makes cutting a

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.

Cutting Armored Cable — Jason Coelho

Cutting Armored Cable I had armored cable, aka Greenfield cable, in my basement that had exposed conductors. In this post, I will describe how I reduced the

HES 96 Core Steel Armored Fiber Optic Cable SM 9/125μ Single Mode |

HES 96 Core Multiple Tube Steel Armored Fiber Optic Cable, SM 9/125μ Single Mode. Ideal and durable for large-scale projects.

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