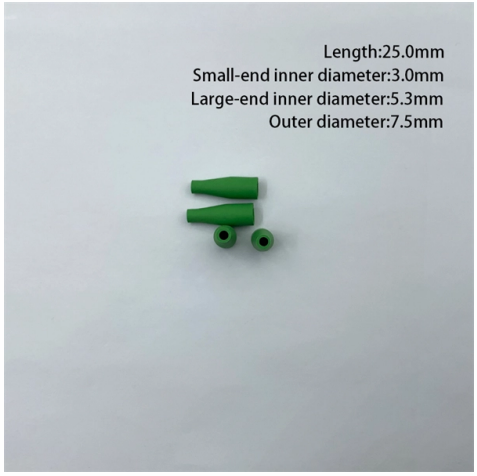
How to cut armored fiber optic cables



Overview

When it comes to armored fiber cable, there are a few different ways that you can go about cutting it.

Key Takeaways

Cutting armored fiber optic cables requires specialized tools like cable cutters or slitter tools to ensure clean, damage-free access to the inner fibers. Tools for Cutting Armored Fiber Optic Cables1. Armored Cable Cutters These are designed to cut through the tough outer armor of fiber optic cables without crushing the inner fibers.

Tools like the Briticom™ Armoured Cable Cutter come in sizes ranging from 6 to 12 inches and are made from high-quality carbon steel or CR-V for durability and leverage, making them ideal for fiber optic preparation and termination. Other options include rotary cable cutters with handle knobs for clean, burr-free cuts. 2.

Armored Fiber Cable Slitters Slitter tools are used to precisely slit the outer jacket and armor without damaging the fiber core. For example, the Armored Fiber Cable Slitter 4mm-10mm features adjustable blades for clean, accurate cuts and ergonomic grips for ease of use. The ACS-01 tool works on cables with diameters from 8 mm to 28.

6 mm and allows blade depth adjustment to avoid fiber damage. Cutting TechniquesMid-span Access: Use a slitter tool to carefully cut the outer jacket and armor at the desired location, ensuring the blade depth is set to avoid cutting the fibers inside. End Preparation: For terminating or splicing, use a heavy-duty cable cutter to remove the armored section cleanly, then strip the inner buffer layers.

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Leverage and Safety: Long-handled cutters provide high leverage, reducing hand fatigue and minimizing the risk of crushing the cable. Always wear protective gloves and eye protection when cutting armored cables.

Applications

These tools are essential for FTTH deployments, telecom networks, data centers, and fiber optic maintenance projects. Using the correct cutter or slitter ensures efficiency, reduces fiber damage, and speeds up installation.

Summary

To cut armored fiber optic cables safely and effectively: Choose a high-quality armored cable cutter or precision slitter suitable for your cable diameter. Adjust blade depth carefully to protect the inner fibers. Use proper leverage and ergonomic tools to reduce fatigue.

Follow safety precautions, including gloves and eye protection. Using the right tools and techniques ensures clean cuts, preserves fiber integrity, and facilitates efficient installation or maintenance.

Article Content

Armored Fiber Cable Cutting Tools: What''s the Best Way to...

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 methods and help you decide which

Armored Fiber Optic Cable Installation Guide | FiberMania

This guide provides a complete installation process for armored fiber optic cords, explaining each step from routing and pulling to stripping, cleaning, and testing.

Armored Fiber Cable Slitter 4mm-10mm

Whether you''re working on fiber-to-the-home (FTTH) deployments, industrial fiber networks, or high-density data cabling, this tool provides the precision and reliability you need.

3 Ways to Cut Armored Cable

The best means for cutting it is to use cable cutters, which are designed specifically to cut through armored cable without damaging wires. If you are only making a few cuts, you can use side

Optical Fiber Cables: 7 Must-Know Tips for Cutting Armoured Cable

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After shredding $8,000 worth of Corning® cables in 2025, our team discovered cutting armoured cable requires surgical precision. These 7 field-tested tips slash installation errors by 70%

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.

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

HES 24 Core Steel Armored Fiber Optic Cable SM

HES Brand Fiber Optic Cables HES brand fiber optic cables are designed with high performance and reliability, especially focusing on single mode fiber technology

HES 4 Core Steel Armored Fiber Optic Cable OM2 50/125µ MultiMode |

HES brand single tube steel armored, single jacket fiber optic cables are designed with OM2 MultiMode fiber technology. With models featuring various core counts, they offer a wide range of applications.

HES 24 Core Steel Armored Fiber Optic Cable OM2 50/125µ MultiMode |

HES 24 Core Single Tube Steel Armored Fiber Optic Cable, OM2 50/125µ MultiMode. Offers ideal and reliable solutions for large network applications.

HES 48 Core Steel Armored Fiber Optic Cable OM1 62.5/125µ

HES brand multi-tube steel armored, single jacket fiber optic cables are designed with OM1 MultiMode fiber technology. With high core counts, they provide solutions for various data transmission capacities.

HES 24 Core Steel Armored Fiber Optic Cable OM1 62.5/125µ

HES brand single tube steel armored, single jacket fiber optic cables are designed with OM1 MultiMode fiber technology. They offer a wide range of usage with models having various core counts.

HES 24 Core Multiple Tube Steel Armored Fiber Optic Cable OM2

HES branded multi-tube steel armored, single-jacketed fiber optic cables are designed with OM2 MultiMode fiber technology. They offer solutions for various data transmission needs with different

Armored Cable Stripper 8–30mm for FTTH Fiber Optic on OnBuy

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Description & Details Summary Versatile Cable Stripping Capability: This Transverse Armoured Cable Stripper is a versatile cutting tool designed for a wide range of cables, including armored fiber optic

5 Best Fiber Optic Cable For Internet | Stop Losing Your Signal

The bottleneck is often the last physical link: a cheap, unshielded fiber optic cable that bends, breaks, or introduces signal loss. Upgrading to a properly armored, low-loss fiber patch cord ensures the light

Fiber Optic Pigtails: Uses & Differences from Patch Cords

Understand fiber optic pigtails — definition, types, and how they differ from patch cords. Learn why pigtails ensure reliable, low-loss fiber terminations.

How to Install Outdoor Fiber Optic Cable: Tips and Best Practices

This article details outdoor fiber optic cable types, selection criteria, and professional installation guidelines. It focuses on how to choose durable cables for different environments, and emphasizes

Quality Bulk Multimode & Single Mode Fiber Optic Cables

Bulk Fiber Optic Cable - Multimode & Singlemode Shop our diverse range of bulk fiber optic cables, tailored for various networking needs. We provide both single-mode and multimode options, catering

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