How to strip outdoor armored optical cables



Overview

How to Properly Strip Armoured Cable | Step-by-Step ProcessIn this video, we explain the correct and safe method to strip armoured cable in a step-by-step.

Key Takeaways

Stripping outdoor armored optical cables requires careful removal of the outer jacket and armor using ripcords and specialized tools to avoid damaging the fibers inside.

Tools and Preparation

Before starting, gather the following tools: Sheath knife or cable slitterSide cutters or pliersNeedle-nose pliersSafety gloves and glassesCleaning materials for gel or adhesive under the armor (if present) Inspect the cable for visible damage and confirm the type (single-mode, multimode, armored type) to ensure proper handling and compatibility with your installation path.

Step-by-

Step Stripping Procedure1.

Outer Jacket and Armor Removal

Mark the armor at the desired length to expose the ripcords without cutting through them. Score the armor lightly with a sheath knife to create a starting point for the ripcords. Pull the ripcords at a 90-degree angle to slit the armor and outer jacket.

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For cables with two ripcords, repeat on the opposite side. The outer jacket and armor should come off in two pieces. Clean any gel or adhesive under the armor using a safe, environmentally friendly product if present.

2.

Inner Jacket Removal

Cut a few inches of the inner jacket to expose inner ripcords. Nick and mark the inner jacket to the length you want removed, being careful not to damage the fibers. Pull the ripcords to remove the inner jacket, exposing the optical fibers for termination or splicing.

Safety Precautions

Always wear safety glasses to protect against sharp glass fibers. Use gloves to prevent cuts from armor or tools. Avoid excessive pulling, bending, or crushing, as this can damage the fibers and reduce performance.

Collect and dispose of cut armor and fiber scraps properly to prevent injury.

Best Practices

Strip each layer progressively rather than attempting to remove multiple layers at once. Maintain sharp cutting tools to ensure clean cuts and reduce the risk of fiber damage. Follow manufacturer-specific instructions for armored cable types, as some may have interlocking steel or Kevlar reinforcements.

Plan the cable pathway to avoid sharp bends and high-tension areas, especially for outdoor installations. By following these steps and precautions, you can safely strip outdoor armored optical cables while preserving the integrity of the fibers for reliable network performance.

Article Content

How to Properly Strip Armoured Cable | Step-by-Step Process

In this video, we explain the correct and safe method to strip armoured cable in a step-by-step manner. You will learn how to remove the outer sheath, steel armour, and inner insulation...

How to Strip Armored Fiber Optic Cable Without Damaging the Inner ...

Proper techniques involve using a dedicated armored wire stripper to efficiently and safely remove the outer jacket of armored fiber optic cable without compromising sensitive inner fibers.

How to strip outdoor armored cable A usefull skill from engineer

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Outer Sheath and Interlocking Armor Removal from Corning Cable

Use tweezers to pick up cut or broken pieces of the glass fibers and place them on a loop of tape kept for that purpose alone. Good housekeeping is very important. CAUTION: Fiber optic cables are

Sheath Removal of Armored ALTOS® Fiber Optic Cables

Consult the cable specification sheet for the cable you are installing. Do not bend cable more sharply than the minimum recommended bend radius. Do not apply more pulling force to the cable than

Cable Preparation for Single Armor Outside Plant (OSP) Fiber Optic

This instruction manual is a step-by-step guide for end and mid-sheath access of armored fiber optic cables, including sheath removal, core preparation, and fiber preparation.

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.

How To Terminate AC 90 Wire

Today, we''re going to show you two different methods for stripping armored cable — the proper way and what some call the lazy electrician''s way. Whether you''re wiring a hot water tank, a furnace, or any

Armored Fiber Optic Cable Installation Guide | FiberMania

This guide provides a complete, step-by-step installation process for armored fiber optic cords, while highlighting their differences from standard fiber optic cables and important precautions

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 specifically to cut

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

Fiber Optic Color Code: The Ultimate TIA-598-C Guide

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Master the TIA-598-C fiber optic color code standard. Read our complete guide and use our free interactive calculator to easily identify 1-144 core cables.

Product Spec Sheet 002T8P-31180-A3

002T8P-31180-A3 Corning FREEDM® One interlocking armored cables are flame-retardant, indoor/outdoor cables designed for interbuilding and intrabuilding backbone installations

10 Types of Fiber Optic Cable Explained: Selection Guide (2026)

Top 10 Fiber Optic Cable Types You Should Know Fiber optic cables are categorized by their mode (Single-mode OS2 vs. Multimode OM3/4/5), construction (Loose Tube vs. Tight Buffered), and

Outdoor Fiber Optic Cable Types Compared: ADSS, Direct-Burial, Armored ...

Outdoor Fiber Optic Cable Types Compared - Choosing the right fiber optic cable for an outdoor run isn''t like picking an indoor patch cord.

ALTOS® Figure-8 Loose Tube, Gel-Free Cable | Corning

Corning ALTOS® figure-8 gel-free cables are self-supporting aerial cables designed for easy and economical one-step installation. The loose tube design provides stable performance over a wide

Fiber Optic Cable | Telecommunication Systems Business Unit

Fujikura''s Spider Web Ribbon™ (SWR™) /Wrapping Tube Cable™ (WTC™) offers high fiber count, density, and compactness for efficient, scalable optical transmission in tight spaces.

GYTS Armored Fiber Optic Cable | Wholesale Duct & Aerial

Source GYTS armored fiber optic cable direct from our factory. With steel tape armor and a PE jacket, it''s ideal for harsh aerial and duct environments. Contact us for bulk pricing.

Related Video Reference

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

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