

How to peel off a dual-core optical cable



Summary of Content

Use a fiber optic cable stripper and careful handling to remove the outer sheath and coatings, exposing the dual-core fibers safely.

Tools Needed

- Fiber optic cable stripper (for outer sheath and inner coatings)
- Fiber cleaver (for precise end-face cutting)
- Cable cutting scissors (for aramid yarn and sheath trimming)
- Cotton ball or dust-free cloth with alcohol (for cleaning)
- Needle-nose pliers (optional, for small debris removal)

Step-by-Step Procedure

- **Measure and Mark the Strip Length** Determine the length of cable to strip, typically 50–100 cm for handling and splicing purposes .
- **Remove the Outer Sheath** Use a cable stripper to cut around the outer plastic layer of the dual-core cable. Adjust the blade depth to avoid cutting the inner fibers. Rotate the tool in a spiral pattern to loosen the sheath, then pull it off along the cable axis .
- **Cut and Remove Aramid Yarn** Inside the sheath, you will find aramid yarn (Kevlar fibers). Cut these with cable scissors and remove them carefully to prevent fiber damage .

Article Content

How to Strip and Prepare Fibre Optic Cable for Termination: A ...

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

How to Terminate Coaxial Cable: Easy Tutorial

Coaxial cable can be used to transmit a variety of signals, including cable television,

How to Strip Multi-Conductor Cables | Cable Stripping Guide

Whether you're making upgrades to an existing wiring configuration or starting a new project from scratch, you'll need

How to strip drop cable? : r/FiberOptics

Another technique might be just to strip the sheathing off the end of the cable 1 inch at a time using circular

Separation and Sheath Removal of 2

2.2 Cable Handling Precautions CAUTION: Fiber optic cables are sensitive to excessive pulling, bending and crushing forces.Care

Stripping Techniques For Your Fiber Optic Cable Assembly Process ...

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

Fiber Splicing & Winding Tutorial – Step-by-Step Guide

Preparing the fiber end face includes stripping, cleaning, and cutting. The necessary condition for fusion splicing is a

Jacket Removal of ALTOS® and ALTOS® HD Gel-Free, All-Dielectric

This procedure describes cable-end and mid-span sheath removal and fiber access of ALTOS® and ALTOS® HD cables which

How to Strip Coax Cable (with Pictures)

Stripping coax (short for coaxial) cable is not very difficult, and can be mastered with a

How To Remove Optical Cable

Inserting optical cable to your TV or soundbar could be a bit tricky. But what about

Cable Preparation Best Practices for Fiber Optic Indoor/Outdoor ...

1.0 GENERAL INFORMATION This best practices document is a step-by-step guide for end and midspan access of loose tube

Fiber and Cable Stripper – Types, Uses & Guide

When the aramid fiber in the optical cable is spliced, use fiber cable cutting scissors to cut it off. When cutting the outer

Fiber U Basic Skills Lab Workbook-termination

Fiber Optic Connector Termination Overview It was not long ago that the proper methods used to terminate fiber optic connectors

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

How To: RG6/U Dual Shield Coaxial Strip and Termination

This blog is all about working with RG6 dual shield coaxial solid copper cable, otherwise known as RG-6/U DS. We

NKT Photonics App notes

Small core fibers Coupling to small-core PCFs can be realized with relatively high coupling efficiency using a bulk optics set-up

Tips & Techniques for Using Stripping Tools on Fiber Optic Cable

“First, Do No Harm”: I want to emphasize the importance of not damaging inner materials when stripping any layer of

How to quickly and cleanly remove the outer covering of optical fiber ...

Use the Wire Stripper/Splitter to strip a variety of fiber optic and coaxial cables up to 14

Step-by-step guide to peeling optical fiber ribbon

West elaborated, "Since the deployment of a more-effective and labor-saving optical fiber ribbon, installers and end users have

How To Prepare Your Fiber Optic Cable For Splicing

In this week's video, Ben Hamlitsch shows you how to cut, strip, clean, and cleave your

How to peel off a dual-core optical cable

Five Suns EcoEnergy & Telecom Systems (FSE) provides outdoor telecommunication cabinets, SFP optical modules, industrial

How do I remove digital optical cable from TV?

Remove digital optical cable from TV: Safely disconnect fiber optic cables from audio out and HDMI ports.

Sheath Removal and Stripping of 8 and 12-Fiber Ribbon Interconnect

Do not crush the cable or allow it to kink. Doing so may cause damage that can alter the transmission characteristics of the cable -

How To Strip Fiber Optic Cable | Instructional

In this instructional video, Bob Licari, Test Equipment Product Manager, demonstrates a

Comparing Single-Core and Dual-Core Optical Fibers

Conclusion The choice between single-core and dual-core optical fibers depends largely on

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://madibabayelectrical.co.za>

Email: sales@madibabayelectrical.co.za

Phone: +27 63 947 2185

Address: 15 Fredman Drive, Sandton, Johannesburg, 2196, South Africa

This document is for informational purposes only. Specifications subject to change without notice.

