

How to use flat-nose pliers for cutting fiber optic cables



AI Overview

Flat-nose pliers can be used for fiber optic cable preparation, but precision fiber cutting tools or cleavers are recommended for clean, burr-free cuts.

Overview of Fiber Optic Cutting Tools

Fiber optic cables require precision cutting to avoid signal loss, fiber damage, or connector misalignment. Standard flat-nose pliers are generally suitable for rough cutting, stripping jackets, or general cable preparation, but they may not provide the ultra-clean, flat cuts needed for final fiber termination or fusion splicing. For high-precision applications, tools like fiber cleavers or specialized fiber optic cutting pliers are preferred.

Types of Fiber Cutting Tools

- **Fiber Cleavers:** Deliver consistently flat, smooth end-faces for singlemode and multimode fibers, minimizing insertion loss and ensuring reliable fusion splices. Ideal for lab and field use in FTTx, telecom, and CATV networks.
- **Precision Cutting Pliers:** Made from hardened steel or carbide-infused alloys, these pliers provide burr-free cuts. Designs include diagonal, scissor, or crossover types, each suited for specific tasks such as pigtail trimming, field splicing, or patch cord fabrication.
- **General-Purpose Pliers:** Flat-nose pliers can cut from the side and are useful for basic cable prep, but they are not recommended for final fiber trimming due to pote...

Article Content

Feb 24, 2026

DRAFT Preparation Guide_OFC_Drop-Lite Optical Fiber Cables

For all 12F (and less) flat drop cables, use the Jonard drop cable splitter or Miller tool. Start by sliding the cable through the tool to the

Aug 12, 2025

How to Cut Fiber Cable?

Cutting fiber cable requires meticulous technique and specialized tools to ensure a clean, precise break for proper

May 11, 2026

Cutting Fiber Optic Cable: A Comprehensive Guide to Precision and ...

In this article, we will explore the steps and techniques involved in cutting fiber optic cable, as well as the safety

Sep 18, 2025

Amazon : Fiber Optic Cable Tools

1-48 of over 20,000 results for "fiber optic cable tools" Results Check each product page for other buying options.

Dec 03, 2025

Fiber U Basic Skills Lab Workbook-tools

Fiber U Basic Skills Workbook Tools These are typical fiber optic technician's tools recommended for the hands-on exercises in the

Apr 12, 2026

Tools for Cable and Fiber Preparation

In addition, the fiber installer's toolkit should also include some standard tools such as needle nose pliers and an electrician's cable

Jan 31, 2026

How to Fix a Cut Fiber Optic Cable

While a cut or damaged fiber optic cable can temporarily take your network down, it is possible to quickly fix the cable

Aug 01, 2025

How do I cut the fiber optic filament or cable?

Cutting the fiber optic filament or cable is not as hard as it might seem. It's possible to cut the thinner

Dec 01, 2025

Amazon : Fiber Cleaver

Signal fire MC 16 Integrated Fiber Stripper & Cleaver, Versatile Fighter Fiber Optic Stripper & Cutters Pliers for Wire Stripping Cutting

Nov 03, 2025

How to Cut a Fiber Optic Cable (4 Steps)

The use of these fiber optics spread widely across the U.S. during the 1980s and virtually all conventional copper cables were

Dec 08, 2025

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

Jun 04, 2026

Cutting fiber optic cable

In this video, I demonstrate the correct method for cutting fiber optic cable safely and cleanly, ensuring minimal signal

Nov 23, 2025

Fiber Cable Cutters, Kevlar Cutters, Side Cut Pliers & More

High quality heavy duty fiber cable cutters, Kevlar fiber strength member cutters, scissors/snips kits for fiber optic technicians, hot

Jun 26, 2026

Optical Fiber Pliers

Long Nose Design□The optical fiber flange pliers has long nose design which can be extended to narrow areas, accurate and fast,

Oct 25, 2025

Fiber-Optic Cable Cutters | McMaster-Carr

Choose from our selection of fiber-optic cable cutters, including sawing, cutting, and scraping, fiber-optic tool kits, and more. Same

Jan 19, 2026

Fiber Optic Tools

Fiber optic tools are used to install and repair fiber optic cable and connectors to ensure proper connections and reliable signal

Apr 05, 2026

How to Cut Optical Fiber Cable | Step by Step Guide for 4 ...

We demonstrate the proper method for 4 core fiber cutting using the right tools. This tutorial is perfect for beginners

Apr 19, 2026

Tools for Cable and Fiber Preparation

With fixed-blade tools, once the cable diameter is determined, it is simply placed into the appropriate groove, and two cuts are made

Nov 20, 2025

How to Cut Fiber Optic Cable?

Learn how to safely and accurately cut fiber optic cables using the right tools and techniques for optimal

May 03, 2026

Different Types of Pliers: A Complete Guide | Midland Tool

Discover the different types of pliers, their uses, and how to choose the right one for your job in this complete and

Feb 20, 2026

Fiber Optic Cutting Tools - trueCABLE

Our fiber optic cutting tools are engineered for clean, effortless cuts, reducing installation time and

Aug 14, 2025

Amazon : Fiber Optic Cutter

Signal fire Fiber Optic Stripper, 9 in 1 Fiber Optic Stripper Tool, Wire Cutters Pliers Electrician Tools for Wire Stripping Cutting &

May 11, 2026

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

Aug 25, 2025

Flat Drop Cable

The instructions in this document explain how to prepare end openings of the Prysmian Flat Drop fiber optic cable for termination.

Mar 01, 2026

How To Strip Fiber Optic Cable | Instructional

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

Jun 04, 2026

I cut off my fiber optic cable. Can I repair it, at least

I cut off my fiber optic cable. Can I repair it, at least temporarily, until the service guys arrive? :

Sep 02, 2025

How to Cut Fiber Optic Cable?

Cutting fiber optic cable requires precision and the right tools to avoid damaging the delicate glass fibers that transmit

Contact Us

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

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

Email: sales@ntmmgroup.co.za

Phone: +27 82 471 2596

Address: Unit 7, Optic Park, 24 High-Tech Lane, Century City, Cape Town,
7441, South Africa

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

