

What are fiber optic cable cutters called



Overview

Fiber-Optic Cable Cutters | McMaster-Carr Choose from our selection of fiber-optic cable cutters, including sawing, cutting, and scraping, fiber-optic tool.

Key Takeaways

Fiber optic cable cutters are specialized tools designed to make precise, clean cuts on fiber optic cables, protecting delicate fibers and ensuring reliable connections. Types of Fiber Optic Cable Cutters

Precision Cutters: These are designed for clean, effortless cuts on glass fibers and Kevlar-reinforced cables, minimizing fraying and damage to the fiber core. They often feature heat-treated stainless steel or chromium-vanadium blades for durability and strength, and ergonomic handles to reduce hand fatigue during extended use .

Wire Cutters and Strippers: Many kits combine cutters with wire strippers that can handle different cable jacket thicknesses, buffer coatings, and core diameters. For example, 2-piece kits include a wire cutter and a stripper for jackets down to the glass fiber, while larger 11-piece kits provide additional strippers, pliers, screwdrivers, and cleaning wipes for comprehensive fiber preparation .

All-in-One Tools: Some cutters integrate stripping, cutting, and buffer removal in a single tool, allowing technicians to handle jackets, buffers, and coatings efficiently. These are particularly useful for fieldwork where portability and versatility are important .

Key Features to Consider

- **Blade Material:** High-carbon stainless steel or induction-hardened edges ensure long-lasting sharpness and clean cuts .

- **Ergonomics:** Curved, plastic-dipped handles or dual-component nylon grips reduce hand fatigue and improve control during repetitive cutting tasks .
 - **Cable Compatibility:** Check the cutter's specifications for maximum cable diameter, buffer size, and whether it can handle Kevlar or armored fibers .
 - **Adjustable Tension:** Some cutters allow customization of cutting pressure to accommodate different cable types without crushing or fraying the fiber .
 - **Portability:** Compact designs (e.g., 6-inch cutters) are ideal for fieldwork, while larger cutters may be better for workshop use .
- Recommended Uses**

Fiber optic cable cutters are essential for:

- Preparing cables for splicing or connectorization
 - Cutting Kevlar-reinforced or armored fiber cables
 - Stripping jackets and buffers without damaging the core
 - Ensuring precise, repeatable cuts for high-quality optical connections
- Investing in high-quality cutters and kits ensures reliable performance, reduces installation errors, and prolongs tool life, making them indispensable for professional fiber optic work . For those starting out, consider a starter kit with a cutter, stripper, and cleaning tools, while experienced technicians may prefer specialized precision cutters for specific cable types.

Article Content

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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

Fiber-Optic Tools | McMaster-Carr

Cut and strip fiber-optic cable. 2 Pieces— 2-piece kits include a wire cutter with high-carbon stainless steel blades that are strong

Amazon : Fiber Cutter

6" Fiber Optic Stripper 3 Hole, Precision Wire Cutter/Wire Stripper for Installers and Electricians, Safe - Hurt nm Cable Wire Fiber

Stripping & Cutting Tools For Fiber Optic Cable

Ripley professional grade Stripping & Cutting Tools For Fiber Optic Cable feature scribes and cleavers, cable strippers and cutters.

Amazon : Fiber Optic Cutter

FTTH Fiber Optical Cable Cleaver Tool Optic Fibre 12 Surface Blade Hot melt SKL-6C Cable Cutting Cutter 50+ bought in past

Amazon : Fiber Optic Cable Tools

Fiber Optic Termination & Cleaning Kit - Visual Fault Locator Fiber Optic Cable Tester, Optical Power Meter, Cleaner, Cleaver,

Fiber Optic Cutters, Kevlar Scissors & Shears

Fiber optic Kevlar cutters, shears and scissors are specially designed to cut Kevlar materials, soft cable, electrical tape, cable ties

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