



## TFN CFS-3 Multi-function Three-port Fiber Optic Stripper

**Engineering standard, precise stripping without damaging the fiber**



### Product Overview

Full-featured, high-precision stripping tool designed specifically for fiber engineers . It innovatively integrates three of the most commonly used stripping functions into one, accurately stripping a full range of fiber sizes, from 125 $\mu$ m bare fiber to 3mm pigtail jackets . Forged from high-carbon steel and rust-resistant , it combines strength and durability. Its user-friendly, automatic reset and one-handed operation significantly improve the efficiency and success rate of fiber splicing and termination, making it an ideal standard tool for FTTH projects, data center cabling, and other applications.

### Core Features

- Three-in-one multifunctional design : integrated three precision stripping holes, respectively for:
- Pinhole : Strips 250 $\mu$ m of the coating from a 125 $\mu$ m optical fiber.
- Middle hole : Strip the 250 $\mu$ m tight jacket layer (protected by white soft adhesive) of the 900 $\mu$ m optical fiber.
- Large hole : Peel off the outer sheath of the pigtail from 2mm to 3mm.
- Precision -machined jaws and adjustable hexagonal screws ensure precise opening matching, perfectly stripping the coating while protecting the optical fiber from damage.
- One-handed efficient operation : Built-in spring automatic return mechanism, easy and smooth operation, freeing up the other hand and increasing working speed.
- Safety lock and durable structure : The integrated safety lock is convenient for storage and effectively protects the precision jaws to prevent accidental contact and injury. High carbon steel material is durable.
- Humanized grip experience : The ergonomic rubber handle is non-slip and comfortable, reducing hand fatigue during long working hours.



## Customer pain points & Product selling points

### Customer pain points

### CFS-3 Solution

You need to carry multiple wire strippers to deal with different sizes, which is cumbersome and easy to lose

Three-in-one integrated design : one tool replaces three, covering all functions, making the toolbox tidier and work more efficient.

Improper stripping force control can easily scratch or break the fragile optical fiber.

Precisely adjustable, lossless stripping : Adjustable opening and precision jaws fundamentally reduce the risk of fiber damage and ensure splicing quality.

Traditional tools are laborious to operate and inefficient

Spring-assisted, one-handed operation : Automatic spring-open design saves effort and makes wire stripping easy and simple.

Tools are prone to rust and wear, and have a short lifespan

High carbon steel forging and anti-rust treatment : the surface is blackened and coated with anti-rust oil, which is durable and suitable for various working environments.

The sharp jaws are exposed, which may cause safety hazards when storing or carrying.

Safety lock design : One-touch locking for safe storage, protecting the jaws and the user.

## Detailed technical parameters

### Parameter

### Specifications

### Category

### Product Model

TFN CFS-3

### Stripping range

125 $\mu$ m bare fiber ~ 3mm pigtail jacket

### Specific functions

Peel off 125 $\mu$ m coating layer, 900 $\mu$ m tight jacket layer, 2-3mm outer sheath

### Material

Forged from high carbon steel, blackened surface, coated with



Parameter Category	Specifications
technology	anti-rust oil
Adjustment function	Hexagon socket screw to adjust the opening size
Operation	Spring automatic reset, supports one-hand operation
Safety Design	Integrated lock
Handle design	Ergonomic rubber handle

#### Typical application scenarios

1. Fiber to the Home (FTTH) installation and maintenance
2. Data center server and switch fiber optic patch cord production
3. Optical cable splicing and terminal processing in telecommunication networks
4. Fiber optic cabling for broadcasting and television networks and security monitoring systems
5. Laboratory fiber optic device production and scientific research teaching

#### Why choose TFN CFS-3 Wire Strippers?

1. Multi-purpose pliers, double the efficiency : Covering the entire fiber processing process, reducing tool switching, it is an efficiency tool for engineers.
2. Protecting fiber and reducing loss : Precise stripping is the first step to ensuring low insertion loss and high return loss, effectively improving network quality.
3. Durable and long-term investment : High-quality materials and craftsmanship ensure a long tool life, with extremely low average cost of ownership.
4. Effortless operation, comfortable experience : The user-friendly design makes boring and repetitive work easier and protects the health of construction workers' hands.
5. Safe and portable, ready for use : The locking design and exquisite packaging make tool management and carrying extremely convenient.