

PRODUCT DATA SHEET

Fiber Optic Cleaver

This cleaver provides precise and smooth cutting, suitable for both hot fusion and cold junction applications. Constructed with durable metal material, it ensures stability and longevity.

Key Features:

- 1). Precise angle cutting with a three-in-one clamp, high-quality slide rail, tungsten steel blade, fiber-protective rubber pad, and automatic blade return.
- 2). High-quality slide rail: Smooth stainless steel slide rail ensures seamless operation without jamming.
- 3). High hardness tungsten steel blade: With 16 cutting points, it offers high hardness and wear resistance, capable of approximately 50,000 cuts, with a cutting angle $\leq 0.5^\circ$.
- 4). Three-in-one clamp: No need to change clamps, providing convenience for bare fiber, outdoor jacketed cables, and jumper tail fibers.
- 5). Cutting angle $\leq 0.5^\circ$: Precise angle cutting minimizes loss and ensures a flat cutting surface, significantly improving fusion efficiency.
- 6). Rubber pressure pad: Selected rubber material, resistant to high temperatures and alcohol.
- 7). Strong magnetic wire clip + rubber pressure pad for more stable and precise cutting.

Specifications:

- Cutting length: 9 - 16mm (diameter 0.25mm), 10 - 16mm (indoor fiber), 9 - 16mm (diameter 0.9mm)
- Fiber diameter type: 125um
- Suitable for single-core fiber
- Blade lifespan: Approximately 50,000 cuts
- Suitable operating temperature: -40 to 80°C
- Suitable storage temperature: -40 to 80°C



Troubleshooting:

Fault Symptom	Reasons and Solutions
Fiber does not cut continuously	1). Clean the rubber pressure foot. 2). Increase blade height.
Rounded edges of fiber	1). Increase blade height. 2). If the rubber pressure foot is worn or aged, replace it.
Shadow on fiber end face	1). Low blade height, especially if it's too high. 2). Adjust blade height.
Fiber core damage	Blade height is generally too high, reduce blade height.