



Fiblit

PN: FLOF-6S

Optical Fiber Tools
TECHNICAL DATA SHEET
Fiber cleaver FC-6S





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Product Description

The FC-6S Fiber Optic Cleaver is a professional high-precision cleaving tool designed for preparing single optical fibers before fusion splicing and mechanical splicing. It delivers consistent cleave angles and smooth fiber end faces, ensuring low splice loss and reliable optical performance.

The cleaver supports both 250 μm coated fibers and 900 μm buffered fibers and features a precision rotating blade with an extended service life. Its compact, lightweight design and automatic fiber off-cut collection make it ideal for FTTH installation, telecommunications, CATV, and data center applications. Typical cleave angle is 0.5° , with a blade life of up to 54,000 cleaves (depending on blade position rotation and operating conditions).



Product Features

- High-precision single fiber cleaving
- Typical cleave angle of 0.5°
- Supports **125 μm optical fiber**
- Compatible with **250 μm coated** and **900 μm buffered** fibers
- Precision rotating blade with long service life
- Up to **54,000 cleaves** per blade (with proper blade rotation)
- Automatic fiber off-cut collection
- Compact and lightweight design
- Easy blade height and rotation adjustment
- Suitable for fusion and mechanical splicing



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Applications

- FTTH Installation
- FTTx Networks
- Fiber Optic Fusion Splicing
- Telecommunications Networks
- CATV Systems
- Data Centers
- Fiber Optic Cable Maintenance

