



FC-6 series fibre cleavers

FC-6 series

- A practical tool with easy handling
- 6R version with auto-rotating blade
- C version with safe off-cut collector
- Field replaceable blade
- Large bin is simple to remove & clean



Specification

	FC-6RS	FC-6RS-C	FC-6S	FC-6S-C	FC-6M-C
FIBRE TYPES	125um SMF, MMF, NZDSF, BIF and others				
USE FIBRE HOLDER	Yes				
CLEAVE LENGTH 250um	5 to 20mm with single fibre adaptor, 10mm with fibre holders				
CLEAVE LENGTH 900um	10 to 20mm with single fibre adaptor, 10mm with fibre holders				
HARD CARRYING CASE	Included				
FIBRE NUMBER	1				1 to 12
FIBRE RIBBON	Not recommended				Yes
SINGLE FIBRE ADAPTOR	Included				Option
DIMENSIONS (mm)	63x76x63	100x81x63	63x76x63	100x81x63	
WEIGHT	386g	431g	384g	425g	
OFFCUT COLLECTOR	Option	Included	Option	Included	
AUTO ROTATING BLADE	Yes			No	
FIELD REPLACABLE BLADE	Yes, use FCP-20BL(7R) 48000 cleaves			Yes, use FCP-20BL 36000 cleaves	
BLADE LIFE	No routine adjustment of the blade is required in normal operation			>36000 cleaves are possible if the blade is rotated by <30° between edge positions.	



FC-7 series fibre cleavers

FC-7M-F8

Cleaver with off-cut collector

FC-7R-F

Cleaver with off-cut collector and auto-rotating blade

Auto-rotating blade needs no adjustment between blade replacements



Specification

	FC-7M-F8	FC-7R-F
FIBRE TYPES	125um SMF, MMF and others	
AUTO-ROTATING BLADE	No	Yes
FIBRE NUMBER	1 to 8	
FIBRE STRUCTURE	Individual fibres & fibre ribbons	
CLEAVE LENGTH 250um	6 to 20mm when using the AP-FC7 or 10mm when using a fibre holder	
CLEAVE LENGTH 900um	10 to 20mm when using the AP-FC7 or 10mm when using a fibre holder	
USE FIBRE HOLDER	Yes	
USE INDIVIDUAL FIBRES	Yes, an AP-FC7 single fibre adaptor is included with each cleaver	
DIMENSIONS	98mm(w) x 58mm(d) x 47mm(h)	
WEIGHT	300g	335g
BLADE LIFE	36000 cleaves	24000 cleaves
BLADE TYPE	FCP20-BL	FCP20-BL(7R)
	>36000 cleaves are possible if the blade is rotated <30° between edge positions.	



TR-FC7 offcut collector



AP-FC7 single fibre adaptor



FCP20-BL blade



FCP20-BL(7R) blade

Cleavers

Optical Fiber

FC-7 Handheld High Precision Optical Fiber Cleaver



FC-7 without automatic blade rotation

Description:

The FC-7 is a versatile tool available for precision optical fiber cleaving. The FC-7 is the ideal 1-Step optical fiber cleaver for use in fusion splicing, field termination, or any other precision application. It has a simple cleaving operation that can be performed in the palm of the hand, allowing the user to take the cleaver to fiber in limited slack applications.

The cleaver can perform cleaves on single fibers (0.25 to 0.90) and up to 8 count ribbons. A built-in fiber scrap collector handles scrap fibers resulting from the cleaving process. Following a completed cleave, the lid is raised allowing the collector to automatically grab and safely store the fibers.

Features:

- FC-7: Precision Cleaves in Just 1-Step
- Used for Single Fiber Cleaving or Up to 8 Count Ribbon
- Prevents Double Scoring of Fibers
- Features Automatic Fiber Scrap Collection
- Works With Sumitomo Fiber Holders
- Rugged Aluminum Alloy Outer Housing

Specifications

Dimensions	98W x 47D x 58H mm
Weight	300 g
Coating Diameters	0.25-0.9mm (Single) 0.25mm (Ribbon)
Cladding Diameter	0.125mm
Cleave Lengths	6-20mm (Single Fiber) 10-20mm (Ribbon)
Typical Cleave Angle	0.5 Degrees
Maximum Blade Life	36,000 Fiber Cleaves
Number of Steps for Cleave	1
Automatic Scrap Collection	Included

Ordering Information

Description	Part Number
Cleaver (Up to 4 ct. Ribbon)	FC-7

Accessories

Description	Part Number	UOM
Cleaver Blade	FCP-BL	1 ea.

Cleavers

Optical Fiber

FC-7R Handheld Automatic Optical Fiber Cleaver



FC-7R with automatic blade rotation

Description:

The FC-7R is the most versatile tool available for optical fiber cleaving. The FC-7R is the industry's first optical fiber cleaver with automatic blade rotation and is ideal for use in fusion splicing, field termination, or any other precision application. It has a simple cleaving operation that can be performed in the palm of the hand, allowing the user to take the cleaver to fiber in limited slack applications. The FC-7R can perform cleaves on single fibers (0.25 to 0.90) and up to 8 count ribbons.

A built-in fiber scrap collector handles scrap fibers resulting from the cleaving process. Following a completed cleave, the lid is raised allowing the collector to automatically grab and safely store the fibers. The FC-7R includes an automatic blade rotation feature. With each cleave, the blade is automatically rotated to a new scoring position on the cleaver blade. The automatic blade rotation feature ensures that the user receives the maximum number of precision cleaves from each cleaver blade.

Features:

- FC-7R: Industry's Only Optical Fiber Cleaver with Automatic Blade Rotation
- Prevents Double Scoring of Fibers
- Features Automatic Fiber Scrap Collection
- Can Be Operated With 1 Step
- Works With Sumitomo Fiber Holders
- Can Be Used for Single Fiber Cleaving or Up to 8 Count Ribbon
- Rugged Aluminum Alloy Outer Housing
- Manual Blade Rotation Not Required
- Blade Height Adjustment Not Required

Specifications

Dimensions	98W x 47D x 58H mm
Weight	300 g
Coating Diameters	0.25-0.9mm (Single) 0.25mm (Ribbon)
Cladding Diameter	0.125mm
Cleave Lengths	6-20mm (Single Fiber) 10-20mm (Ribbon)
Typical Cleave Angle	0.5 Degrees
Maximum Blade Life	48,000 Fiber Cleaves 96,000 Fiber Cleaves (After Factory Adjustment)
Number of Steps for Cleave	1
Automatic Scrap Collection	Included

Ordering Information

Part Number	Description
FC-7R	Automatic Blade Rotation Cleaver

Accessories

Description	Part Number	UOM
Cleaver Blade for FC-7R	FCB-BL-R	1 ea.