

# Cleavers Optical Fiber

## FC-6RM-C and FC-6RS Precision Automatic Blade Rotation Cleavers



FC-6RM-C



FC-6RS

### Description:

Unprecedented Precision...Speed... Performance...and Reliability characterize Sumitomo Electric's new FC-6RM-C mass fiber and FC-6RS single fiber automatic blade rotation cleavers. The FC-6RM-C is the industry's 1st and only automatic blade rotation cleaver for high precision cleaves of 1 to 12 fibers.

Both units feature Sumitomo's patent pending auto blade rotation technology that eliminates the time consuming and error prone process of height and blade rotation adjustments, thereby increasing user friendliness, speed, precision, productivity, and the extension of the cleaver's maximum product life.

For user versatility, these precision cleavers also feature user selectable blade rotation options, backed by an impressively long blade life. The FC-6RM-C includes a convenient scrap collector; the FC-6RS is available with or without the optional catcher.

Sumitomo Electric Lightwave again delivers an industry first innovation to ensure that our customers have the best and most advanced precision tools to increase productivity and performance in the field. The FC-6R cleavers mark a new standard in advanced optical fiber cleaving.

### Specifications

Model	FC-6RM-C	FC-6RS	FC-6RS-C
Applicable Fiber	Fiber diameter: 125µm		
	Fiber Count/Size: Single Fiber and Up to 12-Fiber	Fiber Count/Size: Ribbon Single Fiber (for Fiber Coating 250~900µm)	
Cleave Length	10mm (for Ribbon) 5~16mm (for Fiber Coating 250µm) 10~16mm (for Fiber Coating 900µm)	5~16mm (for Fiber Coating 250µm) 10~16mm (for Fiber Coating 900µm)	
Dimensions/Weight	63(W)×63(H)×76(D)mm/380g (FC-6RS) 100(W)×63(H)×81(D)mm/420g (FC-6RM-C/FC-6RS-C)		
Blade Life	48,000 Fiber Cleaves with No Adjustment		

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## FC-6RM-C and FC-6RS Precision Automatic Blade Rotation Cleavers (cont'd)

### Features:

- Industry's 1st and Only 1 to 12-Fiber Ribbon Cleaver with Automatic Blade Rotation
- FC-6RM-C Includes Scrap Collector
- Ideal Cleaver for High Volume Precision Cleaving Applications in Any Environment
- Precision Blade Features 24 Blade Positions with 2,000 Cleaves per Position
- Compatible with All Sumitomo Electric Fusion Splicers
- User Selectable Blade Rotation Options Include: Automatic Blade Rotation with Each Fiber Cleave, No Rotation, and Single Position Advance
- 48,000 Consecutive Fiber Cleaves Without User Manually Rotating the Blade or Adjusting Height
- Single Fiber, FC-6RS Model Available With or Without Scrap Collector
- RoHS Compliant

### Ordering Information

Part Number	Description
FC-6RS	Single Fiber Cleaver, Without Fiber Scrap Catcher
FC-6RS-C	Single Fiber Cleaver, With Fiber Scrap Catcher
FC-6RM-C	Single or Ribbon Cleaver, With Fiber Scrap Catcher

### Accessories

Description	Part Number	UOM
Single Fiber Adapter (250µm & 900 µm)	FC6-ADAPTER	1 ea.
Fiber Scrap Catcher	FC6-CATCHER	1 ea.
Cleaver Blade	FCP-7RBL	1 ea.



FC-6RM-C



FC-6RS