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Cleavers
Optical Fiber

FC-6 Precision Optical Fiber Cleaver





Description:

With the introduction of the FC-6 series, Sumitomo now has the ultimate tool for single and ribbon cleaving.

Built on a robust high-quality platform, the FC-6 is ideal for use with fusion splicing or other precision applications, setting a new standard for flexibility and performance.

The FC-6 is available with a single fiber adapter for 250 to 900 micron coated single fibers. It is a simple operation for the user to remove or install the single fiber adapter and alternate between mass and single fiber cleaving.

An optional fiber scrap collector can be installed to help maintain loose scraps resulting from cleaving. The scrap collector works to automatically grab and store the scrap fibers as the cleaver's lid is raised following a completed cleave.

Features:

- Used for Mass or Single Fiber Cleaving
- Utilizes an Automatic Anvil Drop for Fewer Required Steps and Better Cleave Consistency.
- Prevents Double Scoring of the Fibers.
- Has Superior Blade Height and Rotational Adjustment.
- Available With Automatic Fiber Scrap Collection.
- Can Be Operated With Minimal Steps

Specifications

Dimensions	63W x 65D x 63H mm
Weight	430 g Without Scrap Collector 475 g With Scrap Collector
Coating Diameters	0.25 - 0.9mm (Single) 0.25mm (Ribbon)
Cladding Diameter	0.125mm
Cleave Lengths	9 - 16mm (Single Fiber - 0.25mm Coating) 10 - 16mm (Single Fiber - 0.9mm Coating) 10mm (Ribbon - Up to 12-C)
Typical Cleave Angle	0.5 Degrees
Typical Blade Life	36,000 Fiber Cleaves
Number of Steps for Cleave	2
Blade Adjustments	Rotational & Height
Auto. Scrap Collection	Optional

Single Fiber Cleaver, Without Fiber Scrap Catcher	FC-6S
Single Fiber Cleaver, With Fiber Scrap Catcher	FC-6S-C
Single or Ribbon Cleaver, Without Fiber Scrap Catcher	FC-6M
Single or Ribbon Cleaver, With Fiber Scrap Catcher	FC-6M-C

Accessories

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

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