

## FBC-001

The least expensive of all Corning Cable Systems cleavers, the FBC-001 is adequate ( $\leq 2^\circ$ ) for cleaving fiber ends for OTDR access (through a lab splice or XYZ stage), multimode and single-mode mechanical splicing, and UniCam® Connector installation.



FBC-001 Fiber Cleaver | Photo SEH131

## FBC-006

This cleaver provides smooth, flat, perpendicular fiber end-faces (typically  $< 0.7^\circ$ ) necessary for low-loss fusion or mechanical splicing. Fast and easy to use, it produces high-quality, repeatable cleaves for multimode and single-mode fibers in one simple step. The unit cleaves all 250  $\mu\text{m}$  coated fibers and 900  $\mu\text{m}$  buffered fibers.



FBC-006 | Photo FSP551292

## FBC-005

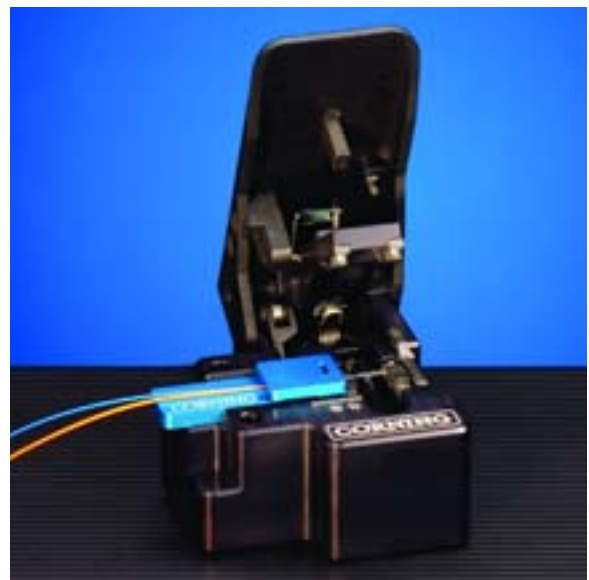
This cleaver consistently provides cuts averaging less than  $0.5^\circ$  from perpendicular with 95 percent less than  $1^\circ$ . With superior reliability, this field cleaver offers laboratory quality and performance. Featuring unrivaled durability and dependability for manufacturing, the cleaver's simple, one-step operation makes it easy to use.



FBC-005 Fiber Cleaver | Photo HWPSS928

## FBC-012

Corning Cable Systems FBC-012 Mass Fiber Cleaver provides excellent cleaves of one to 12 fibers using a simple one-step operation. The cleaver comes with a universal single-fiber guide that may be used when cleaving single fibers. The guide can be removed to allow the cleaver to hold most common fiber handling adapters of mass fusion splicers or fiber handlers for UniCam® Connector installation. The 12-position blade can be easily replaced in the field.



FBC-012 Fiber Cleaver | Photo LAN359

## Specifications

### ***FBC-001***

<b>Dimensions (H x W x D)</b>	120 x 20 x 40 mm (4.75 x 0.75 x 1.5 in)
<b>Weight</b>	Approximately 100 g (3 oz)
<b>Bare Fiber Diameter</b>	100 to 140 µm
<b>Fiber Type</b>	Multimode or single-mode
<b>Blade Type</b>	Ceramic
<b>Blade Life</b>	Typically more than 1,000 cleaves
<b>Minimum Bare Fiber Length</b>	3 mm (loose tube and tight-buffered)

### ***FBC-006***

<b>Dimensions (H x W x D)</b>	7 x 7 x 4 cm (2.75 x 2.75 x 1.5 in)
<b>Weight</b>	0.12 kg (0.3 lb)
<b>Bare Fiber Diameter</b>	80 to 140 µm
<b>Fiber Type</b>	Multimode or single-mode
<b>Blade Type</b>	Diamond
<b>Blade Life</b>	Approximately 5,000 cleaves (field-replaceable)
<b>Minimum Bare Fiber Length</b>	1 mm (loose tube and tight-buffered)

### ***FBC-005***

<b>Dimensions (H x W x D)</b>	77 x 70 x 134 mm (3 x 2.75 x 5.25 in)
<b>Weight</b>	546 g (1.2 lb)
<b>Bare Fiber Diameter</b>	100 to 140 µm
<b>Fiber Type</b>	Multimode or single-mode
<b>Blade Type</b>	Diamond
<b>Blade Life</b>	Approximately 10,000 cleaves (factory-replaceable)
<b>Minimum Bare Fiber Length</b>	3.5 mm (loose tube and 500 µm tight-buffered) 10 mm (900 µm tight-buffered)

### ***FBC-012***

<b>Dimensions (H x W x D)</b>	95 x 72 x 55 mm (3.7 x 2.8 x 2.2 in)
<b>Weight</b>	0.5 kg (1.1 lb)
<b>Bare Fiber Diameter</b>	125 µm nominal
<b>Fiber Type</b>	Multimode or single-mode,
<b>Blade Type</b>	Carbide
<b>Blade Life</b>	Approximately 2,000 12-fiber cleaves; 12,000 2-fiber cleaves or 24,000 single-fiber cleaves (field replaceable)

## Ordering Information

Part Number	Description
<b>FBC-001</b>	
FBC-001	Fiber Cleaver, Score & Snap
<b>FBC-006</b>	
FBC-006	Precision Diamond Cleaver primarily used with X7 Series splicers
FBC-006-01	Replacement Diamond Blade for FBC-006 cleaver
FBC-006-05	3 mm Fiber Guide for FBC-006 cleaver
FBC-006-07	Fiber Guides for buffer tube fan-outs and OptiStrip™ Buffered Fiber
FBC-006F	Cleaver designed specifically for use with the FuseLite® 2 fusion splicer
<b>FBC-005</b>	
FBC-005	High Precision Diamond Cleaver
FBC-005-01	Replacement Diamond Blade for FBC-005 cleaver
FBC-005-07	FBC-005 Spring Replacement Tool
FBC-005-08	FBC-005 Replacement Springs (10/pack)
<b>FBC-012</b>	
FBC-012	High Performance Cleaver
TKT-012-2F	High Performance FBC-012 Cleaver with 1- and 2-fiber handlers; cleaves one or two fibers to the exact length for UniCam® Connector installation
HANDLER-012-2F	2-Fiber Handler for FBC-012 cleaver; cleaves two fibers to the exact length for UniCam MT-RJ Connector installation
HANDLER-012-1F	One-Fiber Handler for FBC-012 cleaver; cleaves to the exact length for UniCam Connector installation
<b>Accessories</b>	
Handler-250	Fiber Handler Set for single 250 µm coated fiber, for FBC-012
Handler-900	Fiber Handler Set for single 900 µm coated fiber, for FBC-012
Handler-02	Fiber Handler Set for 2-fiber ribbon, for FBC-012
Handler-04	Fiber Handler Set for 4-fiber ribbon, for FBC-012
Handler-06	Fiber Handler Set for 6-fiber ribbon, for FBC-012
Handler-08	Fiber Handler Set for 8-fiber ribbon, for FBC-012
Handler-12	Fiber Handler Set for 12-fiber ribbon (standard width recommended with Corning Cable Systems, Lucent or Alcatel ribbon), for FBC-012
Handler Set	Fiber Handler Set, contains Handler-250, -900, -02, -04, -06, -08 and -12, for FBC-012
Handler-12 Wide	Fiber Handler Set for wide 12-fiber ribbons (wide set recommended for Corning Cable Systems, Pirelli, Sumitomo or ribbonized fibers), for FBC-012
FBC-012-01	Replacement Blade for FBC-012

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