

Fiber Cleavers

CORNING

Features and Benefits

Simply load the fiber, score and cleave.

No custom fiber handlers are required.

The hand held cleaver does not require a work surface in order to perform precision cleaves.

FBC-002

The FBC-002 Basic Cleaver is a handheld cleaver designed for the easy installation of single-fiber UniCam® Connectors and is included in the UniCam Basic Installation Tool Kit. This basic cleaver incorporates all of the same features found in typical score and cleave style cleavers. Simply load the fiber, score and cleave. The FBC-002 cleaver readily accepts 900 µm tight-buffered fiber, 250 µm coated fiber, furcated fibers and all jacket types. No custom fiber handlers are required.

FBC-006

Corning FBC-006 fiber cleaver with diamond blade provides smooth, flat, perpendicular fiber end faces necessary for low-loss fusion or mechanical splicing. Fast and easy to use, it produces high-quality, repeatable cleaves for multimode, single-mode, ClearCurve® and NZDS fibers in one simple step. This unit is RoHS compliant and will cleave 250 µm coated fibers and 900 µm buffered fibers with a cladding diameter of 80 to 125 µm.

FBC-007

Corning high-precision flat cleaver is a handheld, ergonomically designed precision cleaver enabling easy installation of UniCam® connectors. The cleaver provides consistent cleaves regardless of operator skill level. It uses a dual clamp for precision and a diamond blade for superior cleaving.

FBC-012

Corning FBC-012 mass fiber cleaver provides excellent cleaves of one to 12 fibers using a simple one-step ope-



FBC-002 Fiber Cleaver
| Photo LAN1915



FBC-006 Fiber Cleaver
| Photo LAN1478

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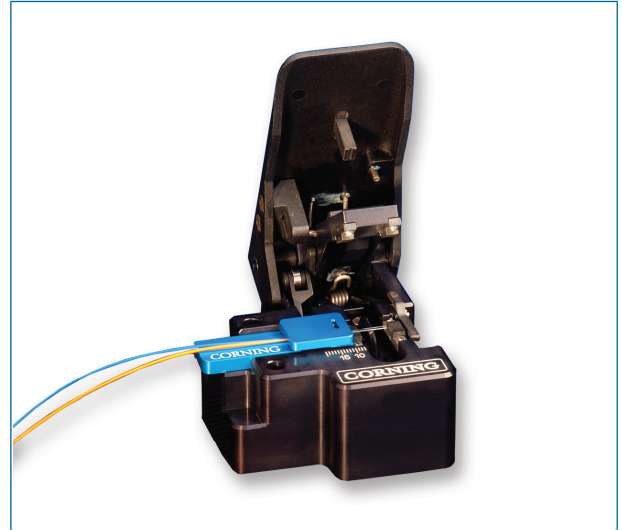
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ration. The cleaver comes with a universal single-fiber guide that may be used when cleaving single fibers. The removable guide allows the cleaver to hold common fiber

handling adapters of mass fusion splicers or fiber handlers for UniCam® connector installation. The 12-position blade can be replaced in the field.



FBC-007 Fiber Cleaver
| Photo LAN3335



FBC-012 Fiber Cleaver
| Photo LAN359

Specifications

FBC-002	
Dimensions (HxWxD)	37 mm x 30 mm x 101 mm (1.5 in x 1.2 in x 4.0 in)
Weight	25 g
Bare Fiber Diameter	100 µm to 140 µm
Blade Type	Carbide
Blade Life	Approximately 5,000 cleaves
Typical Cleave Quality	< 2 °
Fiber Type	Multimode / Single-mode

FBC-006	
Dimensions (HxWxD)	7 cm x 7 cm x 4 cm (2.75 in x 2.75 in x 1.5 in)
Weight	0.12 kg
Bare Fiber Diameter	80 µm to 140 µm
Blade Type	Diamond

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FBC-006

Blade Life	Approximately 5,000 cleaves field replaceable
Typical Cleave Quality	< 0.35 °
Fiber Type	Multimode / Single-mode

FBC-007

Dimensions (HxWxD)	3.63 in x 2.5 in x 2.13 in
Weight	0.13 kg
Bare Fiber Diameter	80 µm to 140 µm
Blade Type	Diamond
Blade Life	Approximately 10,000 cleaves field replaceable
Fiber Type	Multimode / Single-mode

FBC-012

Dimensions (HxWxD)	95 mm x 72 mm x 55 mm (3.7 in x 2.8 in x 2.2 in)
Weight	0.5 kg
Bare Fiber Diameter	125 µm nominal
Blade Type	Carbide
Blade Life	Approximately 2,000 12-fiber cleaves, 12,000 2-fiber cleaves or 24,000 single-fiber cleaves
Typical Cleave Quality	< 1 ° angle
Fiber Type	Multimode / Single-mode

Ordering Information

Part Number	Description	Units per Delivery
FBC-002	Basic Cleaver, score and snap style cleaver	1/1
FBC-006	Fiber Cleaver, Precision Diamond, single-fiber	1/1
FBC-007	UniCam® High-Performance Precision Flat Cleaver	1/1
FBC-012	Fiber Cleaver, High Performance, Ribbon Fiber	1/1

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