Fiber Cleavers

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features and benefits |

FBC-015

Corning Cable Systems Pretium® Fiber Cleaver is a handheld, precision cleaver designed for the easy installation of UniCam® Connectors. With a dual-clamp for precision and a diamond blade for superior cleaving, the ergonomically designed cleaver provides a superior cleave every time, regardless of operator skill level. There is consistent cleaving of 250 µm or 900 µm fibers and it is compatible with jacketed applications. The integrated scrap bin allows for easy collection of fiber waste when working in a variety of environments. The FBC-015 does not require a work surface to perform precision cleaves.

FBC-006

Corning Cable Systems FBC-006 Fiber Cleaver with diamond blade provides smooth, flat, perpendicular fiber end-faces (typically < .35º) 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 µm to 125 µm.

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 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-015 | Photo LAN805

FBC-006 | Photo LAN1478

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FBC-012 Fiber Cleaver | Photo LAN359

FBC-001 Fiber Cleaver | Photo LAN606

specifications |

FBC-001

Dimensions (H x W x D)	120 x 20 x 40 mm (4.75 x 0.75 x 1.5 in)
Weight	Approximately 100 g (3 oz)
Bare Fiber Diameter	100 to 140 µm
Fiber Type	Multimode or single-mode
Blade Type	Ceramic
Blade Life	Typically more than 1,000 cleaves

FBC-006

Dimensions (H x W x D)	7 x 7 x 4 cm (2.75 x 2.75 x 1.5 in)
Weight	0.12 kg (0.3 lb)

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specifications | (continued)

FBC-006

Bare Fiber Diameter	80 to 140 µm
Fiber Type	Multimode, single-mode, NZDS
Typical Cleave Quality	< 0.35 degrees
Blade Type	Diamond
Blade Life	Approximately 5,000 cleaves (field replaceable)

FBC-012

Dimensions (H x W x D)	95 x 72 x 55 mm (3.7 x 2.8 x 2.2 in)
Weight	0.5 kg (1.1 lb)
Bare Fiber Diameter	125 µm nominal
Fiber Type	Multimode or single-mode
Blade Type	Carbide
Typical Cleave Angle	< 1 degree
Blade Life	Approximately (2,000) 12-fiber cleaves; 12,000 2-fiber cleaves or 24,000 single-fiber cleaves (field replaceable)

FBC-015

Dimensions (H x W x D)	3.63 x 2.5 x 2.13 in
Weight	0.420 lb
Bare Fiber Diameter	80 to 140 µm
Fiber Type	Multimode or single-mode
Blade Type	Diamond
Blade Life	Approximately 10,000 cleaves; (field replaceable)

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ordering information |

Part Number	Description
FBC-001	Fiber Cleaver, score and snap
FBC-006	Precision Diamond Cleaver for single-fiber applications
FBC-006-01	Replacement Diamond Blade for FBC-006 Cleaver
FBC-006-05	Fiber Guide for 3 mm jacketed fiber
FBC-012	High-Performance Cleaver
FBC-015	UniCam® Pretium® Cleaver with diamond blade
FBC-PRETIUM-BLADE	FBC-015 UniCam Pretium Cleaver Replacement Blade Kit
TKT-012-2F	High-Performance FBC-012 Cleaver with 1- and 2-fiber handlers; cleaves 1 or 2 fibers to exact length for UniCam Connector installation
HANDLER-012-2F	2-Fiber Handler for FBC-012 Cleaver; cleaves 2 fibers to the exact length for UniCam MT-RJ Connector installation
HANDLER-012-1F	1-Fiber Handler for FBC-012 Cleaver; cleaves 1 fiber to the exact length for UniCam Connector installation

Accessories

OS-ADAPT250-1	Fiber Handler Set for coated 250 µm single-fiber
OS-ADAPT900-1	Fiber Handler Set for coated 900 µm single-fiber
OS-ADAPT2-1	Fiber Handler Set for 2-fiber ribbon
OS-ADAPT4-1	Fiber Handler Set for 4-fiber ribbon
OS-ADAPT6-1	Fiber Handler Set for 6-fiber ribbon
OS-ADAPT8-1	Fiber Handler Set for 8-fiber ribbon
OS-ADAPT12M-1	Spare Fiber Handler Set for 12-fiber ribbon (3.15 mm)
OS-ADAPT12W-1	Fiber Handler Set for wide 12-fiber ribbon (3.18 mm)
FBC-012-01	Replacement Blade for FBC-012

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