

F-CLX-8-3-2

Field Angled Fiber Cleaver



The F-CLX-8-3-2 Field Angled Fiber Cleaver cleaves a single 125µm diameter singlemode optical fiber where the core is angled at 8° from the perpendicular with a mirror smooth, damage-free end in the region of the core. Cleaving a singlemode fiber at around 8° from the perpendicular ensures the back-reflection will not be guided down the fiber, and hence the return loss will be around 60 dB (reflectance of -60dB or greater). 8° angled cleaves are used in mechanical splices to form a mechanical join for instance in FTTx applications. The cleaver can be used as a field tool or on the benchtop.



Features

- Angled cleaving for field-assembled connectors
- Highly repeatable cleave angle
- Rugged construction for field use
- Detachable fiber holder for angled mechanical splice
- Diamond blade for long life and accurate cleaves

Features:

- Stapler action
- Rugged construction for field use
- 10 position replaceable diamond blade for extended file
- Benchtop operation
- Easy fiber loading using detachable fiber holder
- Compatible with angled mechanical splice
- Offcut bin, tool latch & case

Specifications:

Fiber Diameter	125µm SMF or PM fiber
Buffer Diameter	250-900µm
Angle over Core	8° (±2°)
Blade Life	>20,000 estimated
Cleave Length	>8mm (for 900µm) >2mm (for 250µm)
Dimensions (Max)	67mm x 40mm x 79mm (2.7" x 1.6" x 3.1")
Weight	170g (0.4lbs)

Informational Drawing

