

Optical Fiber Cleaver FC-300 series

High accurate components and finest materials

Description

The high precision cleaver FC-300 is designed for field use alongside the high precision splicing units. By using a rotating blade for multiple scoring positions enables a blade life of 54,000 cleaves with a cleave angle better than 0.5 degrees. The unit is constructed to be robust and field serviceable. The FC-300 is the latest cleaver. Integral to the unit is a cleave length scale which helps facilitate exact lengths during cleaving.

Features

- *The material used in the cutter body is aviation aluminum, which has high hardness and good toughness.
- *Cutting cutter cutting process is easy to operate, precise cutting, flat section, suitable for 250um~900um coated fiber
- * Precision tungsten steel blade increases blade life
- *Three-in-one composite jig, single core, and pigtail can be cut without changing the fixture
- * Imported super-hard aluminum alloy material, surface treatment hardened layer up to 80µm, greatly reducing surface scratches
- * Screw holes are not easy to slip, reducing maintenance costs

Applicable fiber	Material	Silica glass
	Cladding diameter	Φ125 um
	Fiber count	Single to 12
Cleave length		5~20mm (Φ 0.25) / 10~20mm (Φ 0.9)
Cleave angle(Typ.)		0.5 degrees with single fiber
Blade life *1		54,000 fibers
dimensions (mm)		63 (W) × 77 (D) × 63 (H)
Weight		400g

