



Data Communication



Optical Fiber



Tele Communication



IT Product & Services



FES-DIAMOND CUTTER

Fiber Optic Cleaver

Overview:

FES Diamond cutter or fiber optic cleaver provides high quality cleaving at an economical price. Designed for cleaving single fibers only, this cleaver is best suited for the installation of field installable connectors and mechanical splices. The rugged yet scaled-down design offers cleave quality approaching that of more expensive high precision cleavers. The long-life, 16-position flat diamond blade is easily replaced by the end user and performs cleaving operation in one single step. An optional scrap collector can be purchased separately.

Features:

- Dedicated for single fiber cleaving
- User replaceable flat diamond blade
- Simple and single-step operation
- Blade life up to 64,000 cleaves
- Compact and light weight
- Detachable fiber scrap collector available as option.



Specifications:

PARAMETER	VLAUE
Applicable Fiber	Conventional silica optical fiber
Fiber Count	Single fiber to 12 ribbon fiber
Coating Diameter	250µm to 900µm
Cladding Diameter	125µm
Cleave Length	6 to 20 mm (with AD-10 & coating = 250µm) 8 to 20mm (with AD-10 & coating > 250µm) 10mm (with FH-50/60 fiber holders)
Cleave Angle Capability	Typically, 0.5°
Dimensions (W x D x H)	71mm x 88mm x 48mm (2.8" x 3.5" x 1.9")
Weight	220g (0.48 lbs)
Blade Lifetime	64,000 fiber cleaves (4,000 x 16 positions) 48,000 fiber cleaves (4,000 x 12 positions) with FH-50/60 fiber holders

Ordering Information:

Model No.	Application	Fiber Handling System	Cleave Length
FES-Diamond Cutter	Single Fiber: 250 to 900µm coating, 125µm cladding	AD-10 Adapter Plates	250µm: 6 to 20mm
			900µm: 8 to 20mm

