Manufacturer:
AFL

Product Name:
AFL CT58 Fiber Cleaver

Manufacturer Part Number:
S017097

▶ Click here for more details on the AFL CT58 Fiber Cleaver

Ⓑ **Bluetooth**®

Shown in CC-37 Carrying Case

Features

- Motorized blade rotation
- Bluetooth communication
- Shock resistant
- Simple one-step operation
- 60,000 cleave blade life
- Field serviceable

SAFELY DROP FROM 30"

CT58 Fiber Cleaver

The CT58 cleaver is designed specifically for cleaving silica fibers with 80 μm cladding and up to 400 μm coatings. The CT58 provides unprecedented durability and simplistic maintenance unseen with any other cleaver. Cleaver blade life is easily managed and maximized via Bluetooth connection with a convenient smartphone app. Incorporating motorized push-button blade rotation and a convenient thumbwheel for blade height adjustment, routine cleaver adjustments have never been easier! The 16 position blade yields 60,000 cleaves providing for extended intervals between blade replacement. The CT58 is designed for use with either Fujikura FH-100 or FH-70 series fiber holders, but can also be used with the optional adapter plate to eliminate the need for fiber holders if desired. When utilized with the optional spacers for the cleaver and RS03-80 thermal stripper, six different cleave lengths can be easily attained.

Specifications

ITEM		VALUE
Applicable Fiber	Fiber type	Single mode optical fiber
		Multi mode optical fiber
	Fiber count	Single
	Cladding dia.	Approx. 80 μm
Applicable Coating	Fiber plate	AD-10-M24 : Max. 400 μm coating diameter
		AD-50 : Max. 400 μm coating diameter
	Fiber holder	Coating shape. : Refer to splicer fiber holder options
Cleave Length	Fiber plate	CD = Coating Diameter AD-10-M24 3 to 20 mm for CD ≤ 250 μm 8 to 20 mm for CD 251 – 400 μm AD-50 CD= 250 μm or less : 3 to 20 mm 250 μm < CD < 400 μm : 8 to 20 mm
	Fiber holder	See Cleaver Selection table on next page
Cleave Angle	Single fiber	Avg. 0.3 to 0.9 degrees
Blade Life		Approx. 60,000 fiber cleaves
Physical description	Dimensions W	Approx. 90 mm when closing the lever
	Dimensions D	Approx. 95 mm when closing the lever
	Dimensions H	Approx. 58 mm when closing the lever
	Weight	Approx. 265 g
Environmental condition	Temperature	Operate : -10 to 50ºC
		Storage : -40 to 80ºC
	Humidity	Operate : 0 to 95% non-condensing
		Storage : 0 to 95% non-condensing
Battery		2 pieces of LR03/AAA dry battery
Wireless interface		Bluetooth 4.1 LE
Screw hole for tripod		1/4-20UNC
Other features	Blade rotation	Motorized rotation
		Manual rotation dial
	Replaceable parts	Blade
		Clamp arm

Contact the professionals at Fiber Optic Center for a quote or to get more details.

focenter.com • 508-992-6464 | (800) 473-4237 • sales@focenter.com
23 Centre Street • New Bedford, MA 02740 USA

Product specifications and data are subject to change without notice.
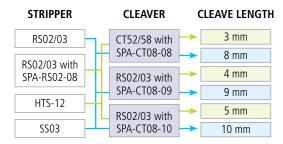
Manufacturer:
AFL

Product Name:
AFL CT58 Fiber Cleaver

Manufacturer Part Number:
S017097

▶ Click here for more details on the AFL CT58 Fiber Cleaver

CT58 Fiber Cleaver

Cleaver Selection

STRIPPER	CLEAVER	CLEAVE LENGTH
RS02/03	CT52/58 with SPA-CT08-08	3 mm
RS02/03 with SPA-RS02-08		8 mm
	RS02/03 with SPA-CT08-09	4 mm
HTS-12		9 mm
	RS02/03 with SPA-CT08-10	5 mm
SS03		10 mm

Ordering Information

DESCRIPTION	APPLICATION	AFL NO.
CT58 **Includes:** CT58 cleaver, SPA-CT08-09 cleaver spacer, hex wrench, carrying case and instruction manual	Single Fibers: 80 µm cladding	S017097

Accessories

DESCRIPTION	AFL NO.
CB-08 Replacement Blade	S017076
CC-37 Transit Case	S017077
AD-10-M24 Adapter Plate	S017335
SPA-CT08-10 Spacer	S017011
SPA-CT08-09 Spacer	S017390
SPA-CT08-08 Spacer	S017391
ARM-CT58-01 Replacement Arm Set	S017389
BRW-CT08-01 Blade Rotary Wheel	S017110
SC-CT50-01 Side Cover	S017108

Contact the professionals at Fiber Optic Center for a quote or to get more details.

focenter.com • 508-992-6464 | (800) 473-4237 • sales@focenter.com
23 Centre Street • New Bedford, MA 02740 USA

Product specifications and data are subject to change without notice.