

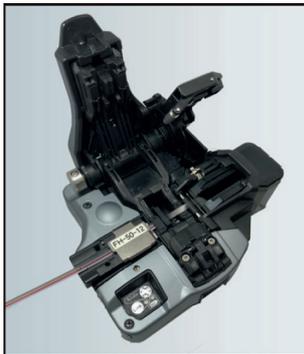
FUJIKURA CT50

FIBRE CLEAVER

PRODUCT OVERVIEW

The CT50 Optical Fibre Cleaver is an improved complete cleaving product, offering increased operability and maintainability compared to any other cleaver of its kind on the market today.

The CT50 provides enhanced drop and impact resistance and allows customers like never before to replace the actual cleaving blade and resin members that hold the optical fibres, dramatically reducing handling time and maintenance costs. With the ability to cleave single fibres and bundles of up to 12 fibres, the CT50 is Bluetooth® enabled, smart phone ready, and can be easily integrated into existing splicing processes for customers looking to invest in a future-proof cleaving solution.



Features & Benefits

- Applicable for up to 12-fibre cleaving.
- Automatic cleaving blade rotation via wireless communication.
- User replaceable fibre clamps and cleaving blade.
- Blade life up to 60,000 cleaves.
- Wide lever opening angle allows easy fibre placement.
- Single-action operation including fibre scrap collection.

Specification

Model	CT50	
Applicable optical fibre	Silica optical fibres	
Fibre count	Up to 12	
Cladding diameter	125µm	
Coating diameter	160µm to 900µm (2mm to 3mm cord & drop cable)	
Cleaving length	AD-50	5mm to 20mm (coating diameter = 250µm) 10mm to 20mm (coating diameter > 250µm)
	AD-10-M24	5mm to 20mm (coating diameter = 250µm) 10mm to 20mm (coating diameter > 250µm)
	Fibre Holder	10mm (from the edge of FH: 13mm)
Cleaving angle ^{*1}	Typical 0.5 degrees	
Blade life	60,000 fibres (1,250 fibres x 3 heights x 16 positions)	
Wireless connectivity	Wireless technical standard: Bluetooth® 4.1 LE ^{*2} OS : Andoroid 5.0 or above, iOS 8.0 or above (iPhone6 above)	
Power Supply	AAA (LR3) dry battery: 2pc	
Dimensions	120(W) x 95(D) x 58(H)mm	
Weight	320g	
Operation condition	0 to 95% RH and 0 to 40°C (non-dew)	
Storage condition	0 to 95% RH and -40 to 80°C (non-dew)	
Resistance feature ^{*3}	Shock: 76cm (30") all direction drop	
	Dust resistance: Exposure to dust (0.1 to 500µm dia. Alumina Silicate)	
	Rain resistance: H=10mm/hr for 10min	

*1 - The optical fibre type, the blade condition or the operating environment may affect the cleaving angle. Since the measuring device has been changed from an interference microscope to a fusion splicer, this specification value is now higher than that of the previous model (CT-30).

*2 - The Bluetooth wireless connection of this product is not guaranteed to work with all smartphones or other devices.

*3 - The shock resistance test does not guarantee the product will not be damaged under these conditions.

Bluetooth® and Bluetooth logo is a registered trademark of Bluetooth SIG, Inc.



Standard Package

Description	Model No.	Qty
Main body	CT50	1pc
Fibre plate	AD-10-M24	1pc
Spacer	SPA-CT08-10	1pc
Carrying case	CC-37	1pc
Hexagonal wrench	HEX-01	1pc
Instruction manual	M-CT50-E	1pc

Fibre Holders

Description	Model No.
Applicable fibre holder	FH-60-xxx
	FH-70-xxx
	FH-100-xxx

Specifications and descriptions are subject to change without prior notice.

Standard Package



Optional Items



Optional Items

Description	Model No.
Fibre Plate	AD-50
Blade	CB-08
Arm set	ARM-CT50-01
Dust box	FDB-05
Blade rotary wheel	BRW-CT08-01
Side Cover	SC-CT50-01

Ver: EDPFUJCT500923.1