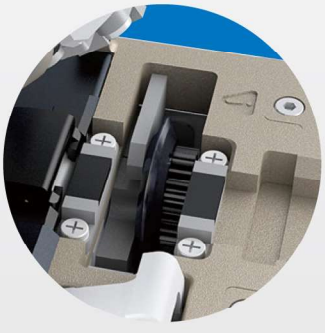
SUMITOMO ELECTRIC

Optical fibre cleaver

FC-8R series

Easy, Handy, Long life

Easy maintenance with large offcut bin
One hand operation
High quality blade for over 60,000 cleaves

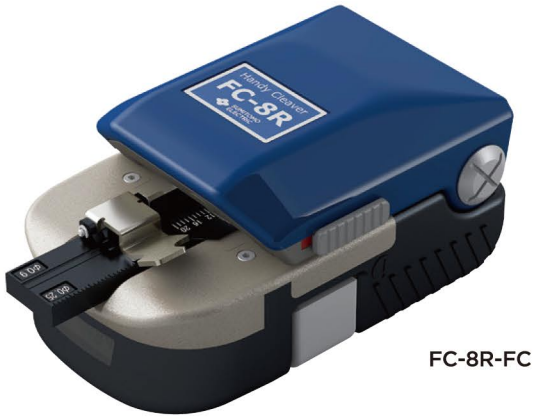


Auto-rotating blade

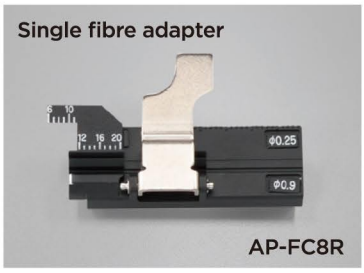
Light weight

Smart cleave counter

Optical fibre cleaver FC-8R series



FC-8R-FC



AP-FC8R

TR-FC8R

Specifications

Part number		FC-8R-F		FC-8R-FC	
Applicable fibre	Material	Silica glass			
	Cladding diameter	Φ 125 µm			
	Fibre count	Single to 12	Single	Single to 12	Single
Cleave length		10mm	6-20mm (Φ 0.25mm) 10-20mm (Φ 0.9mm)	10mm	6-20mm (Φ 0.25mm) 10-20mm (Φ 0.9mm)
Fibre placing		Fibre holder	Single fibre adapter (AP-FC8R)	Fibre holder	Single fibre adapter (AP-FC8R)
Cleave angle (Typ.)		0.5 degrees with single fibre			
Off-cut collector / Fibre offcut bin		Pre-fitted / TR-FC8R			
Automatic blade rotation		Provided (Switchable to Fixed)			
Cleave operation counter *1		N/A		Provided DC power supply : Coin type Lithium battery CR1220	
Lid opening angle		Switchable (Wide / Narrow)			
Dimensions and Weight		58(W)×98(D)×49(H) mm, Approx. 260 g			
Field replaceable blade		Yes, use FCP-20BL(7R)			
Operating condition		-10-50°C and 0-95% RH (non-condensing)			
Storage condition		-40-80°C and 0-95% RH (non-condensing)			
Blade life *2		60,000 fibres (2,500 fibres × 24 positions)			

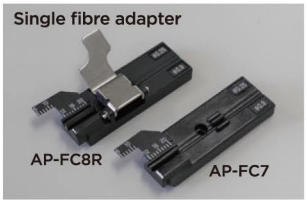
*1 : The cleaver can count the number of cleaves only when a fibre holder or single fibre adapter is fitted to the cleaver.
*2 : Blade life is not guaranteed. It may vary depending on the operating environment.

Standard package

Part name	Part No.	Model No. Q'ty			
		FC-8R-F		FC-8R-FC	
Main body	FC-8R-*	FC-8R-F 1pc		FC-8R-FC 1pc	
Single fibre adapter	AP-FC8R	1pc with 1 screw			
Desktop spacer block	DTS-01	1pc			
Carrying case	CC-8RH	1pc	-	1pc	-
	CC-8RSH	-	1pc	-	1pc
Operation manual	-	1set			
Cleaning brush	-	1pc			
Hexagonal wrench	-	1pc			
Strap	-	1pc			

Optional accessories / Consumables

Part name	Part No.	Note
Single fibre adapter	AP-FC7	With 1 screw
	AP-FC8R	With 1 desktop spacer block & 1 screw
Fibre offcut bin	TR-FC8R	10 pcs per set
Coin type Lithium battery	CR1220	-For FC-8R-FC only -Commercial item
Replacement blade	FCP-20BL(7R)	Common for FC-6R/7R series



Fibre holders

Part No.	FHS-025	FHS-09	FHS-025/LB5	FHD-1	FHC-3	FHM-2	FHM-4	FHM-5	FHM-6	FHM-8	FHM-10	FHM-12
Fibre	Single 250um	Single 900um	Single 900um Loose buffered fibre	Single 250um Drop / Indoor cable	3mm cable	2-fibre ribbon	4-fibre ribbon	5-fibre ribbon	6-fibre ribbon	8-fibre ribbon	10-fibre ribbon	12-fibre ribbon
Cleave length	10mm											

Sumitomo Electric Industries, Ltd.