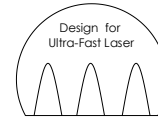


### Features

High Extinction Ratio  
 Low Insertion Loss  
 High Power Handling  
 High Isolation

### Applications

Ultra-Fast Fiber Lasers  
 Optical Fiber Amplifier  
 Fiber Laser  
 Sensor Systems



### Specifications

Parameters	Unit	Values	
		C162	C88
Package Type	-	C162	C88
Center Wavelength (λc)	nm	1030 ,1064 or Specify	
Pass Band Width @ 0.5dB	nm	25 or Specify	
Stop Band @ 25dB	nm	35 or Specify	
Typ. Peak Isolation ( Backward )	dB	30~35	
Min. Isolation at 23°C ( Backward )	dB	26	
Typ. Insertion Loss	dB	0.8	
Max. Insertion Loss at 23°C	dB	1.0	
Min. Return Loss (Port1/Port2)	dB	50/50	
Min. Extinction Ratio (B-Type)	dB	18	
Min. Extinction Ratio (F-Type)	dB	20	
Max. Optical Average Power	W	3, 10 or Specify	20, 30 or Specify
Max. Peak Power for ps Pulse	kW	500	1000 or Specify
Max. Tensile Load	N	5	
Operating Temperature	°C	+10 to +50	
Storage Temperature	°C	0 to +75	

\*For pulse applications, pls discuss with Optizone Technology.

\*The PM fiber and the connector key are aligned to the slow axis.

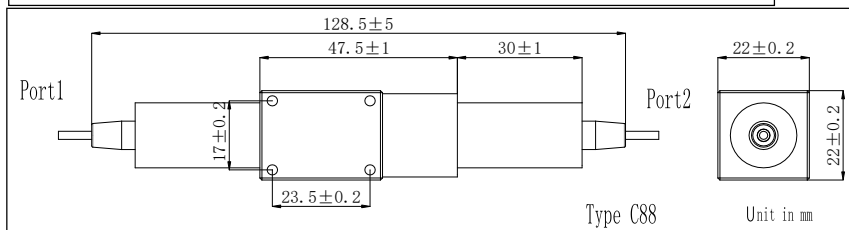
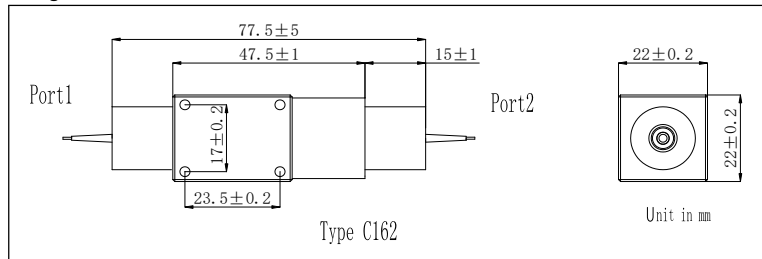
\*Above specifications are for device without connector.

\*For devices with connectors, IL will be 0.5dB higher, RL will be 5dB lower, and ER will be 2dB lower & handling Power will be only 1W(CW).

\*The maximum power is the sum of the powers in the forward and backward directions.

\*The material must be RoHS compliant.

### Package Dimensions



### Ordering Information

HPMBPFI-UF-①①①①-②②-③③-④④-⑤⑤-⑥⑥-⑦⑦-⑧⑧-⑨⑨-⑩⑩

①①①①: Wavelength

1030 - 1030nm

1064 - 1064nm

SSSS - Specify

②②: Package Type

C162 - Type C162

C88 - Type C88

③③: Pass Band Width

25 - 25nm

SS - Specify

④④: Stop Band Width

35 - 35nm

SS - Specify

⑤⑤: Handling Power

03 - 3W

10 - 10W

20 - 20W

30 - 30W

SS - Specify

⑥: Axis Alignment

F - Fast Axis Blocked

B - Both Axis Working

⑦⑦: Connector Type

1A - FC/UPC

2A - FC/APC(Step)

3A - SC/UPC

4A - SC/APC(Step)

N - None

SS - Specify

⑧⑧: Fiber Jacket

U - 3mm Armoured Cable(Blue)

B - Bare Fiber

Q - 3mm Loose Cable(red)

C - 900um Loose Tube(red)

S - Specify

⑨: Fiber Length

2 - 2.0m

SS - Specify

⑩⑩: Fiber Type

1 - PM 980 Fiber

45 - Nufern PLMA -GDF-10/125-M NA0.075 Fiber

65 - Nufern PM1060L 10/125 GSF NA0.085 Fiber

79 - YSL PM 10/125 NA0.085 Fiber

SS - Specify