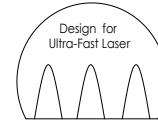


Features

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	
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	1.0	
Max. Insertion Loss at 23°C	dB	1.3	
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.

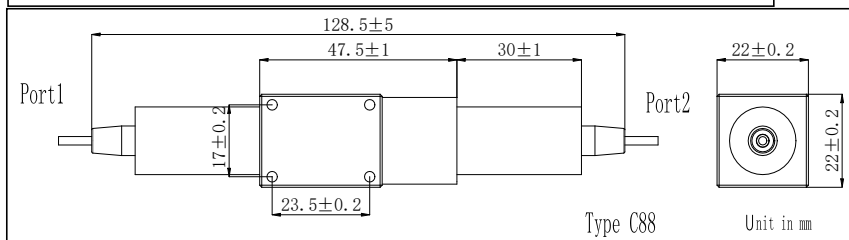
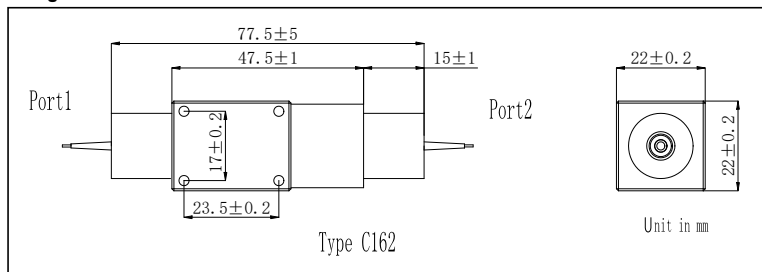
*Above specifications are for device without connector.

*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-①①-②②-③③-④④-⑤⑤-⑥⑥-⑦⑦-⑧⑧-⑨⑨-⑩⑩

①①: 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

⑥⑥: Axis Alignment
 F - Fast Axis Blocked
 B - Both Axis Working

⑦⑦: Connector Type on Port 1 & 2
 1 - FC/UPC
 2 - FC/APC
 3 - SC/UPC
 4 - SC/APC
 N - None
 SS - Specify

⑧⑧: Fiber Jacket on Port 1 & 2
 A - 3mm Armoured Cable
 B - Bare Fiber
 C - 3mm Loose Cable
 L - 900um Loose Tube
 SS - Specify

⑨⑨: 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