

1064nm Mini High Power Bandpass Filter/Isolator Hybrid for Pulse Power

FEATURES

- High Isolation
- Low Insertion Loss
- High Reliability and Stability

APPLICATIONS

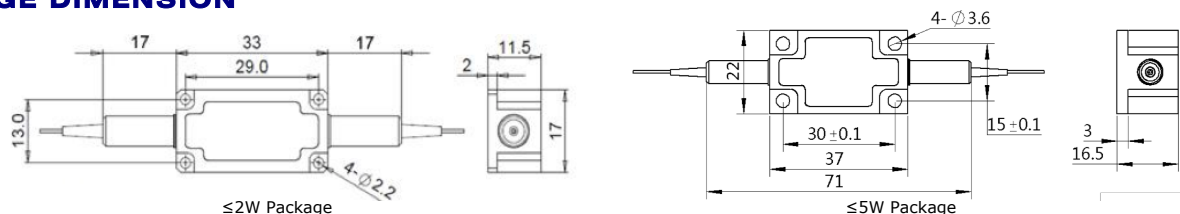
- Broadband Systems
- Optical Amplifying Systems
- Metro Networks

SPECIFICATIONS

Parameters	Unit	Value	
Center Wavelength	nm	1064	
Min. Pass Band Width @ 0.5dB	nm	0.5, 2.0, 8.0, 17.0	
Stop Band @25dB	0.5nm Bandwidth	nm	1000~1063&1065~1100
	2nm Bandwidth		1000~1058&1070~1100
	8nm Bandwidth		1000~1053&1075~1100
	17nm Bandwidth		1000~1047&1081~1100
Insertion Loss@23°C	dB	≤3.3	≤3.8
Signal Isolation (23°C)	dB	≥22	
Configuration	-	D: 2-port, Y: 3-port, X: 4-port	
Fiber Type at 3 rd or 4 th Port (Y/X Type)	-	Same Fiber of other ports or 50/125um MM Fiber	
ASE Direction	Forward Type	-	Bandpass Filter is before isolator
	Backward Type	-	Bandpass Filter is after isolator
	Twin Type	-	Bandpass Filter is at both sides of isolator
Optical Return Loss	dB	≥45	
PDL	dB	≤0.3	
Fiber Type	-	HI1060 Fiber or 10/125um SC Fiber (E) 10/125um DC Fiber (O), 15/130um DC Fiber (W) 20/130um DC Fiber (Q) or 25/250um DC Fiber (R)	
Max. Average Optical Power	W	0.5, 1	2, 3, 4, 5
Max. Peak Power for pulse	kW	0.1, 1, 2, 3, 5, 10, 15, 20	
Operating Temperature	°C	0~50	
Storage Temperature	°C	-40~85	

- Note:**
- Specifications are for device without connectors; Specifications may change without notice.
 - To add connectors, IL is 0.5dB higher, RL is 5dB lower.
 - Suggest to use Y or X type if blocked optical power is >1W.
 - Only guarantee 1W continuous wave (CW) power thru testing for connectors added.
 - Devices for higher optical power or with other type fiber or consigned fiber are also available; Devices can only work in the core of Double Cladding (DC) Fiber, Cladding Power must be stripped before connecting the device.

PACKAGE DIMENSION



ORDERING INFORMATION (PN)

FHBI-1064-MNN C - (C) (C) -H NN P NN - (C) C NN -CC/CCC

Bandwidth	ASE Type	3rd Port Fiber	4th Port Fiber	Average Power	Peak Power	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
05=0.5nm	F= Forward	Y=Same Fiber	Y=Same Fiber	05=500mW	01=100W	E=10/125 SC Fiber	B= Bare fiber	05=0.5m	N=Without Connector
20=2nm	B=Backward	5=50/125um Fiber	5=50/125um Fiber	1= 1W	1= 1kW	Q=20/130 DC Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector
80=8nm	T=Twin	Blank for D Type	Blank for D&Y Type	2= 2W	5= 5kW	R=25/250 DC Fiber	2= 2mm Cable	15=1.5m	LC/PC=LC/PC Connector
170=17nm				5=5W	10=10kW	Blank for HI1060 Fiber	3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector