

1064nm Mini High Power PM Bandpass Filter/Isolator Hybrid

FEATURES

- High Isolation
- Low Insertion Loss
- High Reliability and Stability
- Various Bandwidth
- High Optical Power

APPLICATIONS

- Broadband Systems
- Optical Amplifying Systems
- Telecommunication Networks
- Laser Systems
- Research Labs

SPECIFICATIONS

Parameters	Unit	Value	
Center Wavelength	nm	1064	
Min. Pass Band Width @ 0.5dB	nm	0.5, 2.0, 5.0, 6.0, 9.0, 17.0	
Stop Wavelength (ASE)	0.5nm Bandwidth	nm	1000~1063&1065~1100
	2nm Bandwidth	nm	1000~1060&1068~1100
	5nm Bandwidth	nm	1000~1058&1070~1100
	6nm Bandwidth	nm	1000~1057&1071~1100
	9nm Bandwidth	nm	1000~1055&1073~1100
	17nm Bandwidth	nm	1000~1047&1081~1100
Insertion Loss@23°C	dB	≤3.3	≤3.8
Signal Isolation (23°C)	dB	≥22	
Stop Wavelength (ASE) Isolation	Standard	dB	≥25
	High Isolation	dB	≥45
ASE Direction	-	F: Forward, B: Backward, T: Two-way	
Configuration	-	D: 2-port, Y: 3-port, X: 4-port	
Optical Return Loss	dB	≥45	
Extinction Ratio	dB	≥18	
Work Mode	S Type	-	Can only work in slow axis
	F Type	-	Can work both in slow axis and fast axis
Fiber Type	Input&Output	-	PM980 Fiber, PM1060L Fiber (E) or PM1060L-FA Fiber 10/125um PMDC Fiber (O), 15/130um PMDC Fiber (W) 20/130um PMDC Fiber (Q) or 25/250um PMDC Fiber (R)
	ASE Guide Out (Y/X Type)	-	Same Fiber, Corr. SM Fiber or MM Fiber
Max. Optical Power (CW)	W	0.5, 1, 2	3, 4, 5
Operating Temperature	°C	0~50	
Storage Temperature	°C	-20~75	

Note: 1. Specifications are for device without connectors; Specifications may change without notice.

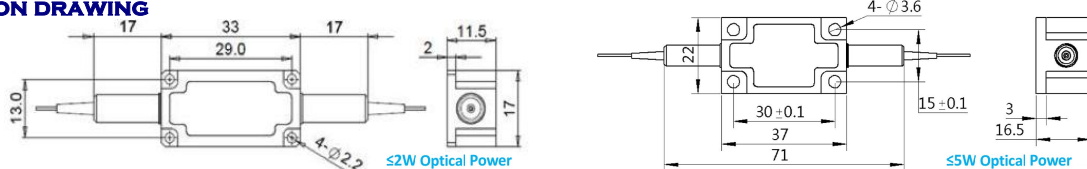
2. To add connectors, IL is 0.5dB higher, RL is 5dB lower, ER is 2dB Lower, Connector key is aligned to slow axis.

3. Suggest to use Y or X type if blocked optical power is >1W.

4. Only guarantee 1W continuous wave (CW) power thru testing for connectors added.

5. 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.

DIMENSION DRAWING



ORDERING INFORMATION (PN)

FHBP-1064-MNN(C)(C) C - (C) (C) -HP NN -(NN/NN)- C C NN -CC/CCC

Bandwidth	ASE Type	ASE Iso	Work Mode	Fwd ASE Fiber	Bwd ASE Fiber	Optical Power	ASE/Bwd Power	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
05=0.5nm	B=Backward	I=High	S=S Type	Y=Same Fiber	Y=Same Fiber	05=500mW	1=1W	2=PM980Fiber	B= Bare fiber	05=0.5m	N=Without Connector
20=2nm	T=Two-way	Isolation	F=F Type	A=105/125um Fiber	A=105/125um Fiber	1=1W	5=5W	E=PM1060L Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector
90=9nm	Blank for Forward	Blank for		N=None	5=50/125um Fiber	2=2W	10=10W	Q=20/130 PMDC Fiber	2= 2mm Cable	15=1.5m	LC/PC=LC/PC Connector
170=17nm		Standard		Blank for D Type	Blank for None/D Type	5=5W	Blank for 300mW	R=25/250 PMDC Fiber	3= 3mm Cable	20=2.0m	SC/WPC=SC/WPC Connector

