

1064nm Mini High Power Bandpass Filter/Isolator Hybrid

FEATURES

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

APPLICATIONS

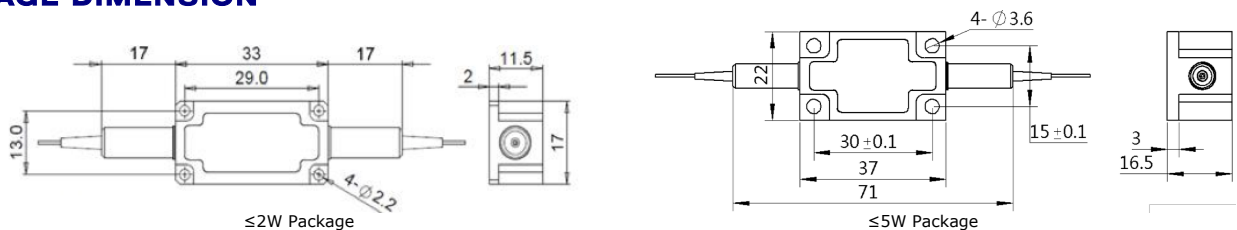
- Broadband Systems
- Optical Amplifying Systems
- Metro Networks

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. Optical Power (CW)	W	0.5, 1	2, 3, 4, 5
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)

Bandwidth	ASE Type	3rd Port Fiber	4th Port Fiber	Optical Power	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
05=0.5nm	F= Forward	Y=Same Fiber	Y=Same Fiber	05=500mW	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	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	R=25/250 DC Fiber	2= 2mm Cable	15=1.5m	LC/PC=LC/PC Connector
170=17nm				5=5W	Blank for HI1060 Fiber	3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector