

1064nm Band Pass Filter

The 1064nm Band-pass Filter is based on thin-film filter technology that passes wavelengths within a certain range and rejects (attenuates) wavelengths outside that range. The band-pass filter features high isolation, low insertion loss, high power handling available upon request.

Feature

- High Isolation
- Low Insertion Loss
- High Power Available on Request

Application

- Fiber Laser
- Fiber Sensor
- FBG Applications

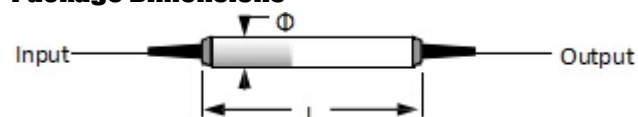
Specification

Parameter	Value	Unit
Center Wavelength (λ_c)	1064 or customized	nm
Min. Pass Bandwidth @ 0.5dB	8.0	nm
Max. Stop Bandwidth @ 25dB	22	nm
Max. Insertion Loss over 1064 \pm 4nm	1.2	dB
Max. PDL	0.1	dB
Min. Return Loss	50	dB
Max. Optical Power (CW)	300 or Customized	mW
Max. Tensile Load	5	N
Fiber Type	Corning HI 1060 Fiber	
Operating Temperature	-5 to +70	°C
Storage Temperature	-40 to +85	°C
Package Dimension	Φ 5.5 \times L35	mm

Note

* For devices with connectors, IL will be 0.3dB higher and RL will be 5dB lower.

Package Dimensions



Ordering information

BPF-AAAA-BB-CC-D-EE-FF

AAAA	BB	CC	D	EE	FF
Wavelength	Pass Band	Stop Band	Fiber Jacket	Fiber Length	Connector
1064 - 1064nm	08 - 8nm	22 - 22nm	B - 250um Bare Fiber	05 - 0.5m 08 - 0.8m	NE - None FA - FC/APC
SSSS - Specify	SS - Specify	SS - Specify	L - 900um Loose Tube	10 - 1.0m 15 - 1.5m	FP - FC/PC SA - SC/APC SS - Specify SP - SC/PC LA - LC/APC LP - LC/PC SS - Specify