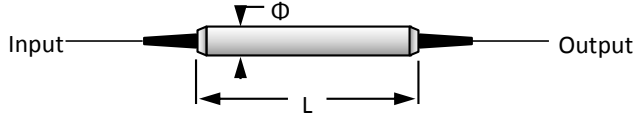


## Band Pass Filter 1550nm

The 1550nm 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.



### Features

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

### Applications

- Fiber Laser
- Fiber Sensor
- FBG Applications

### Performance Specification

Parameter	Value					Unit
Center Wavelength ( $\lambda_c$ )	1550 or customized					nm
Min. Pass Bandwidth @ 0.5dB	1	2	5	10	15	nm
Max. Stop Bandwidth @ 25dB	6	10	10	25	25	nm
Max. Insertion Loss over 1550±0.5nm	0.8					dB
Max. PDL	0.15					dB
Min. Return Loss	50					dB
Max. Optical Power (CW)	300 or Customized					mW
Max. Tensile Load	5					N
Fiber Type	Corning SMF-28e Fiber					
Operating Temperature	-5 to +70					°C
Storage Temperature	-40 to +85					°C
Package Dimension	Φ5.5×L35					mm

### Note

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

### 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
1550 - 1550nm	01 - 1nm	06 - 6nm	B - 250um Bare	05 - 0.5m	NE - None
SSSS - Specify	02 - 2nm	10 - 10nm	Fiber	08 - 0.8m	FA - FC/APC
	05 - 5nm	10 - 10nm	L - 900um Loose	10 - 1.0m	FP - FC/PC
	10 - 10nm	25 - 25nm	Tube	15 - 1.5m	SA - SC/APC
	15 - 15nm	25 - 25nm		SS - Specify	SP - SC/PC
	SS - Specify	SS - Specify			LA - LC/APC
					LP - LC/PC
					SS - Specify