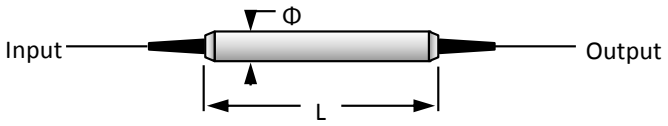
Band Pass Filter 1560nm

The 1560nm 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. PM (polarization maintaining) BPF available on 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 (λc)	1560	nm
Min. Pass Bandwidth @ 0.5dB	2 or 3	nm
Min. Isolation @ 1520~1557.5nm & 1562.5~1610nm for 2nm	25	dB
Min. Isolation @ 1520~1555.5nm & 1564.5~1610nm for 3nm	25	dB
Max. Insertion Loss	0.8	dB
Max. PDL	0.1	dB
Min. Return Loss	50	dB
Max. Optical Power (CW)	300 (high power up to 10W available upon request)	mW
Max. Tensile Load	5	N
Fiber Type	Corning SMF-28e Fiber or customized	
Operating Temperature	-5 to +70	℃
Storage Temperature	-40 to +85	℃
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**
1560 - 1560nm SSSS - Specify	02 - 2nm 03 - 3nm	05 - 5nm 09 - 9nm	B - 250um Bare Fiber L - 900um Loose Tube	05 - 0.5m 08 - 0.8m 10 - 1.0m 15 - 1.5m SS - Specify	NE - None FA - FC/APC FP - FC/PC SA - SC/APC SP - SC/PC LA- LC/APC LP - LC/PC SS - Specify

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