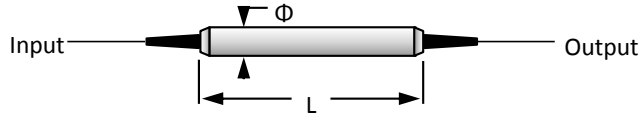


Band Pass Filter 1030nm, 6nm Pass Bandwidth

The 1030nm 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, PM fiber type and 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 (λ_c)	1030 or customized	nm
Min. Pass Bandwidth @ 0.5dB	6	nm
Max. Stop Bandwidth @ 25dB	20 (1000~1020nm & 1040~1100nm)	nm
Max. Insertion Loss over 1030±3nm	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 or customized	
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
1030 - 1030nm SSSS - Specify	06 - 6nm SS - Specify	20 - 20nm SS - Specify	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