

Band Pass Filter - 1030nm, 1nm - (1030nm BPF)

Features

Low Insertion Loss
Wide Stop Band
High Isolation
High Stability and Reliability

Applications

Fiber Laser
Fiber Amplifier
Testing Equipment
Medical Cosmetology



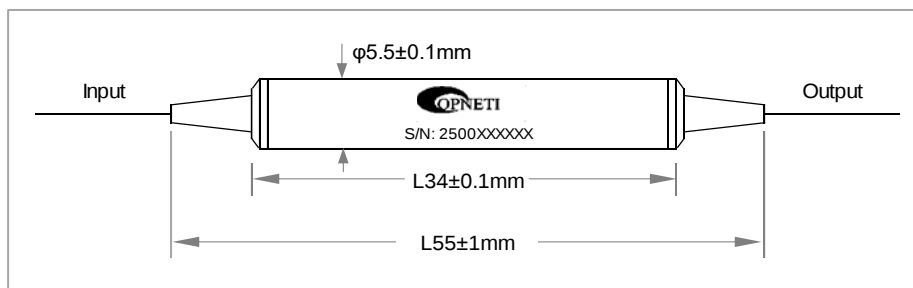
Specifications

Parameters	Unit	Values
Operation Wavelength Range	nm	1000~1100
Center Wavelength	nm	1030
Passband Width (at 1dB)	nm	1
1dB Pass Wavelength Range	nm	1029.63~1030.98
3dB Pass Wavelength Range	nm	1029.45~1031.13
Pass Wavelength Range tolerance	nm	1 -0/+0.5
Stop Wavelength Range	nm	1000~1028.94 and 1031.64~1100
Pass Insertion Loss	dB	≤0.9
Stop Band Isolation	dB	≥25
PDL	dB	≤0.2
Extinction Ratio (for PMF) (PER)	dB	≥20
Return Loss (RL)	dB	≥50
Max Power Handling (CW)	mW	500
Fiber Type		HI1060, HI1060Flex, PM980
Operating Temperature	°C	-0 ~ +70
Storage Temperature	°C	-40 ~ +85
Dimensions	mm	φ5.5×L34

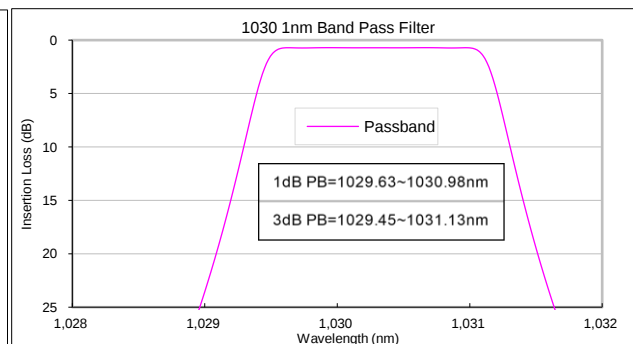
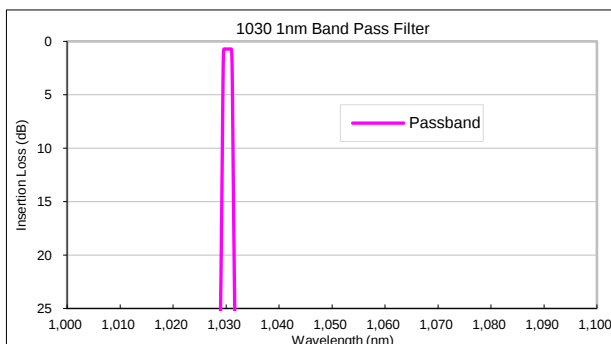
* For devices with connectors, IL+0.3dB, RL-5dB,

* Power handling can be higher on request.

Package Dimensions



Typical Spectrum



Ordering Information**BPF- ①①①-②②②②-③-④④④④-⑤-⑥-⑦⑦**

①	Port Type	1x1; 1x2;
②	Pass Wavelength	1030;
③	Pass Band Width	1=1nm;
④	Pigtail Type	250=250μm Fiber; 900=900μm Loose Tube;
⑤	Fiber Type	4=HI1060; 8=HI1060Flex; P98=PM980;
⑥	Fiber Length	1=1m;
⑦	Connector	NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC; LC=LC/UPC; XX=Others;