

Band Pass Filter - 1762nm, 4.37nm

Features

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

Applications

Medical Cosmetology
Laser Surgery
Laser Engraving
Gas Sensing

Specifications

9600279

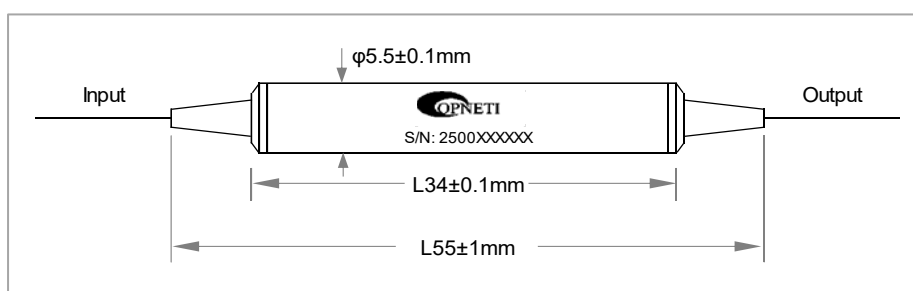


Parameters	Unit	Values
Operation Wavelength Range	nm	1750~1780
Center Wavelength	nm	1762
Passband Width (at 1dB)	nm	4.37
1dB Pass Wavelength Range	nm	1760.3~1764.67
3dB Pass Wavelength Range	nm	1759.78~1765.04
Pass Wavelength Range tolerance	nm	4.37±0.5
Stop Wavelength Range	nm	1750~1757.94 and 1766.97~1780
Pass Insertion Loss	dB	≤0.9
Stop Band Isolation	dB	≥30
PER	dB	≥20
Return Loss	dB	≥50
Max Power Handling (CW)	W	2
Fiber Type		PM1550
Operating Temperature	°C	-0 ~ +70
Storage Temperature	°C	-40 ~ +85
Dimensions	mm	φ5.5×L34

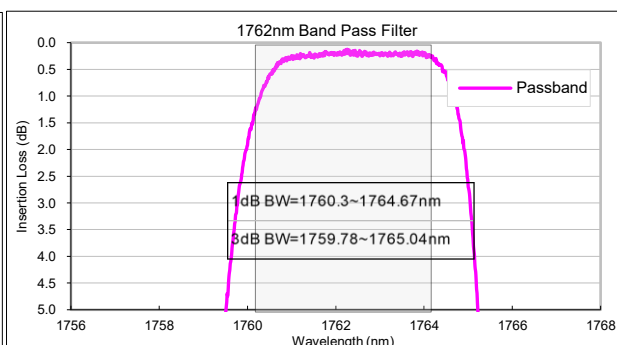
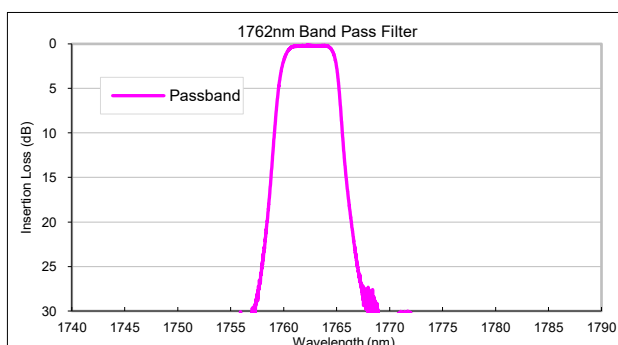
* For devices with connectors, IL+0.3dB, RL-5dB, PER-2dB.

* Power handling can be higher on request.

Package Dimensions



Typical Spectrum



Ordering Information**BPF-** ①①①-②②②②-③③③③-④④④④-⑤⑤⑤⑤-⑥-⑦⑦-⑧⑧

①	Port Type	1x1; 1x2;
②	Pass Wavelength	1762;
③	Pass Band Width	4.37=4.37nm;
④	Pigtail Type	250=250μm Fiber; 900=900μm Loose Tube;
⑤	Fiber Type	P15=PM1550;
⑥	Length	1=1m;
⑦	Connector	NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC; LC=LC/UPC; XX=Others;
⑧	Optical Power	2W;