

Band Pass Filter - 1915nm, 40nm

Features

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

Applications

Medical Cosmetology
Laser Surgery
Laser Engraving
Gas Sensing



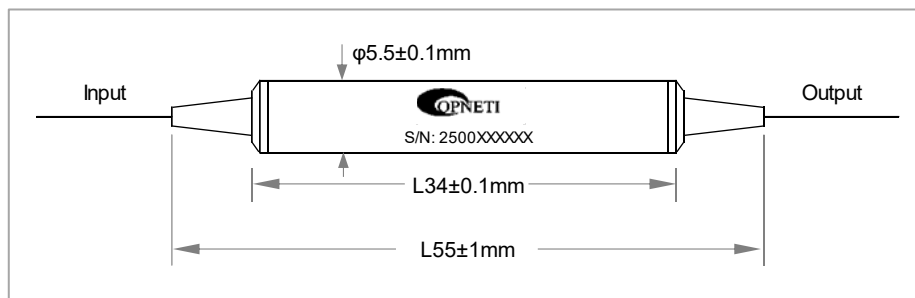
Specifications

Parameters	Unit	Values
Operation Wavelength Range	nm	1200~2400
Center Wavelength	nm	1915
Passband Width (at 1dB)	nm	40
1dB Pass Wavelength Range	nm	1895~1935
3dB Pass Wavelength Range	nm	1891~1939
Pass Wavelength Range tolerance	nm	40±2
Stop Wavelength Range	nm	1200~1870 and 1960~2400
Pass Insertion Loss	dB	≤0.9
Stop Band Isolation	dB	≥25
PDL	dB	≤0.2
PER (for PM Fiber)	dB	≥20
Return Loss (SMF/MMF)	dB	≥50/30
Max Power Handling (CW)	mW	500
Fiber Type		MMF50/125, SMF-28e, SM1950, PM1950
Operating Temperature	°C	-0 ~ +70
Storage Temperature	°C	-40 ~ +85
Dimensions	mm	φ5.5×L34

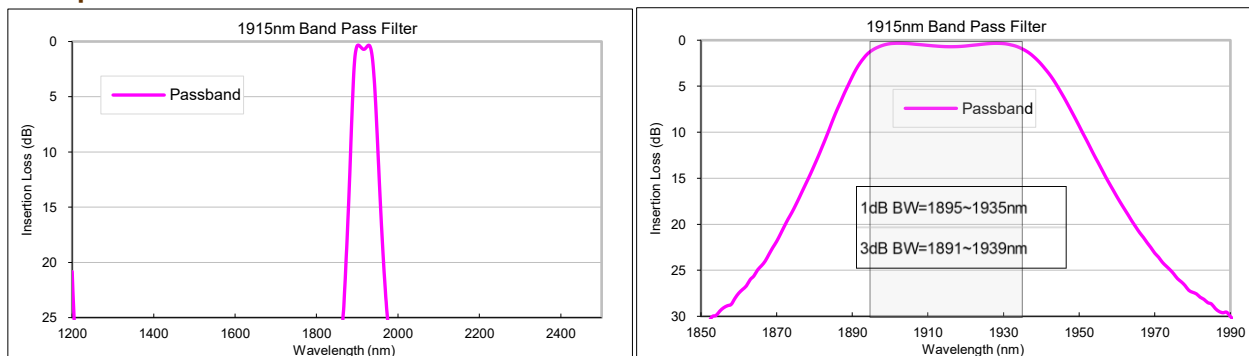
* For devices with connectors, IL+0.3dB, RL-5dB, PER -2dB,

* Power handling can be higher on request.

Package Dimensions



Typical Spectrum



Ordering Information**BPF-** ①①①-②②②②-③③-④④④④-⑤⑤-⑥-⑦⑦

①	Port Type	1x1; 1x2;
②	Pass Wavelength	1915;
③	Pass Band Width	40=40nm;
④	Pigtail Type	250=250μm Fiber; 900=900μm Loose Tube;
⑤	Fiber Type	O2=MMF50/125; 1=SMF-28e; S9=SM1950; P19=PM1950;
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;