

Band Pass Filter - 1939nm, 44nm

Features

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

Applications

Medical Cosmetology
Laser Surgery
Laser Engraving
Gas Sensing



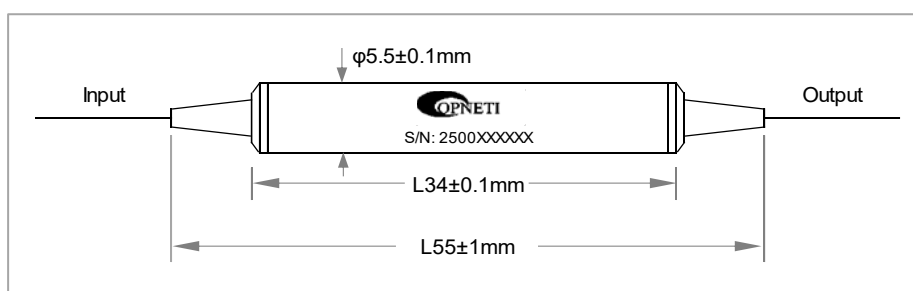
Specifications

Parameters	Unit	Values
Operation Wavelength Range	nm	200~3000
Center Wavelength	nm	1939
Passband Width (at 1dB)	nm	44
1dB Pass Wavelength Range	nm	1917~1961
3dB Pass Wavelength Range	nm	1914~1965
Pass Wavelength Range tolerance	nm	44±1
Stop Wavelength Range	nm	200~1886 and 1992~3000
Pass Insertion Loss	dB	≤0.9
Stop Band Isolation	dB	≥30
PDL	dB	≤0.2
Return Loss (SMF/MMF)	dB	≥50/30
Max Power Handling (CW)	mW	500
Fiber Type		MMF50/125, SMF-28e, SM1950
Operating Temperature	°C	-0 ~ +70
Storage Temperature	°C	-40 ~ +85
Dimensions	mm	φ5.5×L34

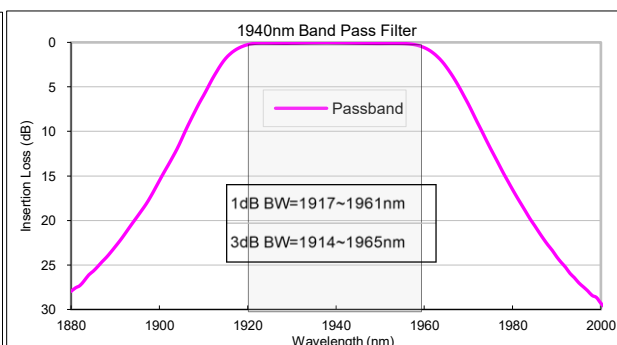
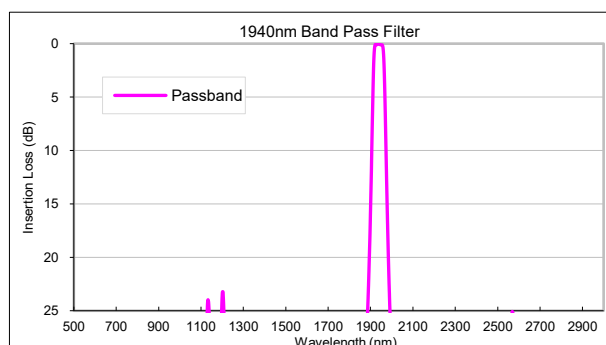
* For devices with connectors, IL+0.3dB, RL-5dB,

* Power handling can be higher on request.

Package Dimensions



Typical Spectrum



Ordering Information

BPF- ①①①-②②②②-③③-④④④-⑤⑤-⑥-⑦⑦

①	Port Type	1x1;
②	Pass Wavelength	1939;
③	Pass Band Width	44=44nm;
④	Pigtail Type	250=250μm Fiber; 900=900μm Loose Tube;
⑤	Fiber Type	O2=MMF50/125; 1=SMF-28e; S9=SM1950;
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;