O/E LAND INC.
7639 Cordner
Lasalle, QC, Canada, H8N 2X2
Tel:1-514-334-4588
Fax:1-514-334-0216
www.o-eland.com

[**OEFBG-NLF-100**]

Narrow Linewidth Passband FBG Filter

Features:

- All-fiber based structure
- Narrow linewidth
- Wide stopband
- Custom wavelength
- SM or PM-fibers

Applications:

- Fiber laser ASE noise filter
- Laser radar spectrum noise filter
- High-resolution Raman spectroscopy
- Optical testing
- Fluorescence microscopy

Product description:

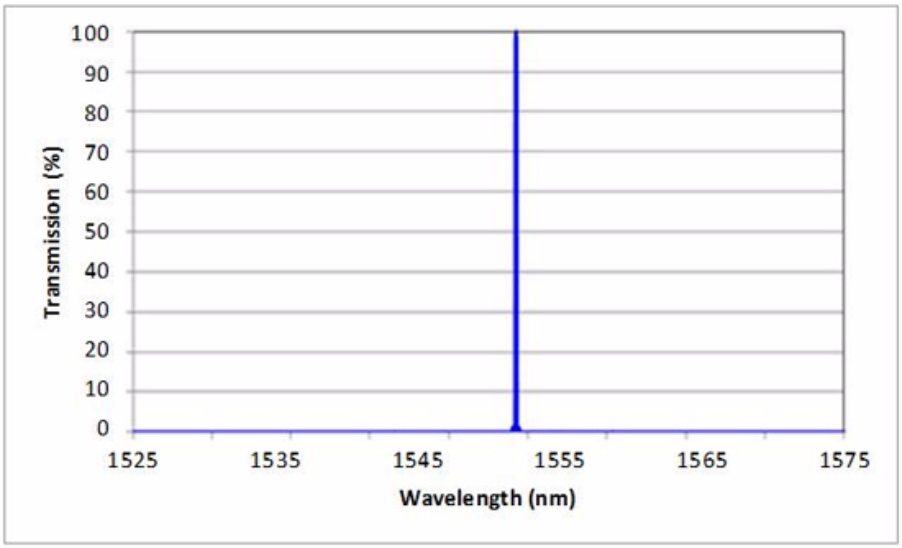
The standard Narrow Linewidth Passband Filter with model number OEFBG-NLF-100 from O/E Land Inc., is based on our advanced Fiber Bragg Grating technology. This filter can be used to select a small bandwidth optical signal to pass, and at the same time to block all other wavelengths. The intended use of our passband filters is in various applications, such as fiber laser ASE noise suppression, laser radar filter, high-resolution Raman spectroscopy, fluorescence microscopy and optical instrumentation.

Product specifications:

Parameter	Unit	Value
Type		Standard Narrow Linewidth FBG Filter
Wavelength	nm	1030; 1060; 1310; 1550; 2000
Operation mode		CW / Pulse
FWHM Bandwidth (Passband)	nm	> 0.5
Stopband	nm	> 50 > 100 (optional)
Isolation	dB	> 20
Insertion loss	dB	< 0.6
Fiber type		SM; PM

O/E LAND INC.
7639 Cordner
Lasalle, QC, Canada, H8N 2X2
Tel:1-514-334-4588
Fax:1-514-334-0216
www.o-eland.com

Product transmission spectrum:



Ordering information:

Model	CWL (nm)	B (nm)	R (%)	Connector	Fiber Length
OEFBG-NLF-100-CWL-B-R-C-FL	Center Wavelength	FWHM bandwidth	Reflectivity	FC/PC C1 FC/APC C2 SC/PC C3 SC/APC C4 LC/PC C5 LC/APC C6	Default: 1 m Custom: specify value
Example:	**OEFBG-NLF-100-1550-0.5-95-C2-1**				