

Tunable Bandpass, Tunable Wavelength Filter Module

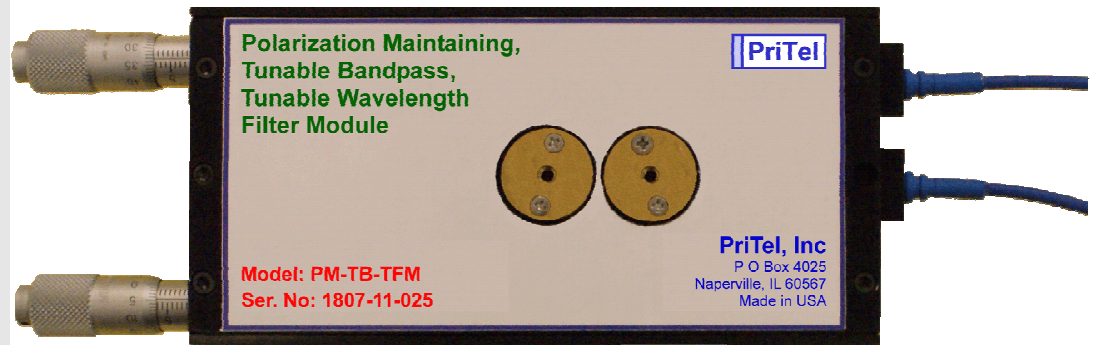
Tunable Bandpass, Tunable Wavelength Filter Module

Tunable bandpass, tunable wavelength filter modules (TBTFM) enable simultaneously varying the bandpass and center wavelength of the filter. It consists of two multi-cavity thin film filters with 18 nm bandpass with very steep walls. The bandpass can be varied from 2 nm to 18 nm, and the center wavelength can be tuned from 1525 nm to 1560 nm.

The thin film filter is mounted on QuickChange cartridges that enable inserting different bandpass filters without losing any optical alignment.

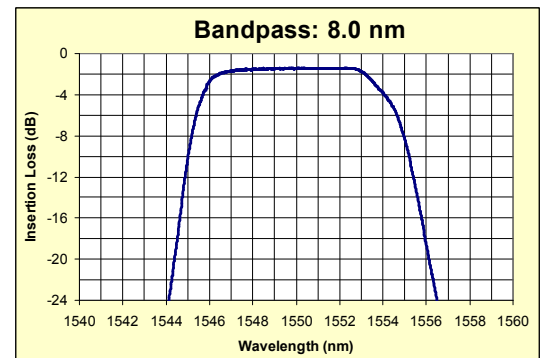
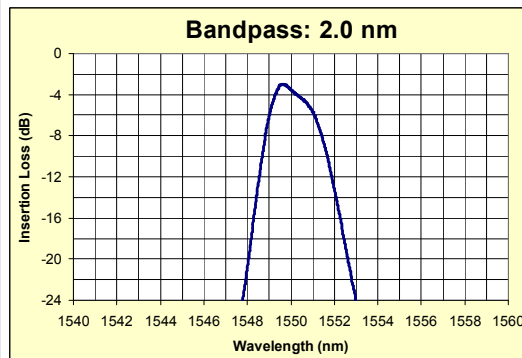
The TBTFMs are ideal for spectral slicing of super-continuum generated by femtosecond fiber lasers to produce continuously tunable pulsewidths at the desired wavelength.

The modules are available with standard fiber or polarization maintaining fiber pigtails.



Specifications

Bandpass tuning range:	2 nm to 18 nm
Wavelength tuning range:	1525 nm—1560 nm
Insertion loss with filter cartridges inserted:	2 dB to 3 dB
Connectors:	FC/APC (other connectors available)
Dimensions (L x W x H):	14 cm x 8 cm x 3.8 cm



PriTel, Inc.
P.O. Box 4025, Naperville, IL 60567-4025, USA
Ph: 630-983-2200, Fx: 630-983-2260 (USA)
E-mail: PriTel@PriTel.com, Internet: www.PriTel.com