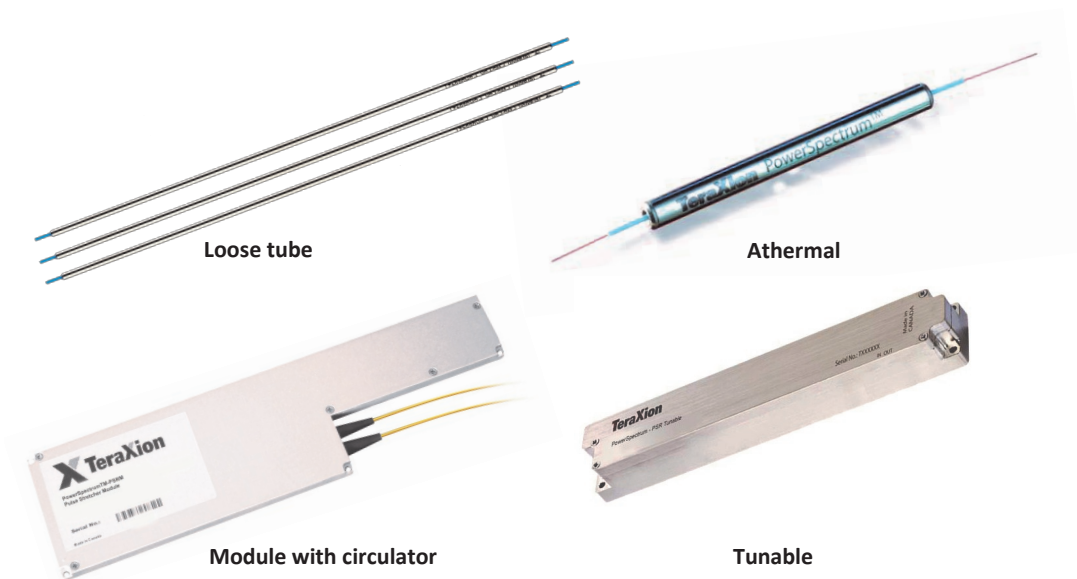


CUS-CUSTOM FIBER BRAGG GRATING FILTERS

Backed by more than a decade as a manufacturer of customized FBG filtering solutions to the photonics market, TeraXion's FBG based filter offering is unmatched.



TeraXion has pushed further the Fiber Bragg Grating technology to offer a variety of filtering solutions in many highly specialized applications requiring high-end filter solutions.

By combining fast prototyping capabilities along with volume production, TeraXion is a key partner for all your photonic related product development. TeraXion's process allows flexible writing of different spectral shapes and temporal characteristics in many types of fibers. Filter packaging include static athermal and tunable options.

Offering

- Ultra-long FBGs (>1m)
- Ultra narrowband (<100 MHz)
- FBG arrays
- Multi-channel filters
- High return loss FBGs
- Fabry-Perot filters
- Static athermal
- Tunable filters
- Acrylate or polyimide coatings
- Through coating fs writing

Applications

- RF photonics
- Laser filtering/locking
- Medical probing/imaging
- Brillouin filtering
- Raman lasers
- Optical communications
- Fiber optic sensing

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CUS-CUSTOM FIBER BRAGG GRATING FILTERS

Specifications*

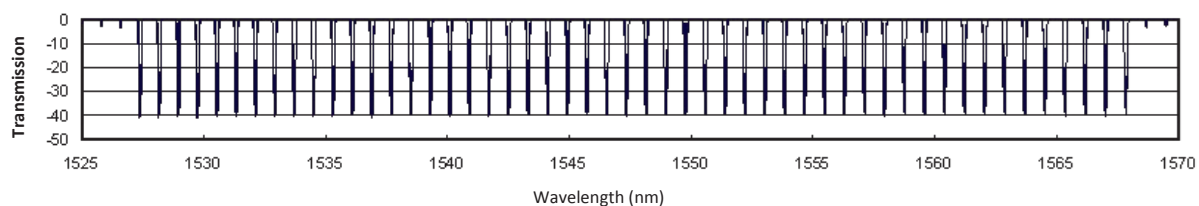
Wavelength Range (Complete coverage)	800-2400nm
Bandwidth	10's of MHz up to 10's of nm
Fiber type	SM, PM, LMA, Double clad or single clad
Recoating	Acrylate, polyimide
Reflectivity	1% up to 99%
Packaging	Athermal, module with circulator, tunable

(*): Any other specification will be looked into.

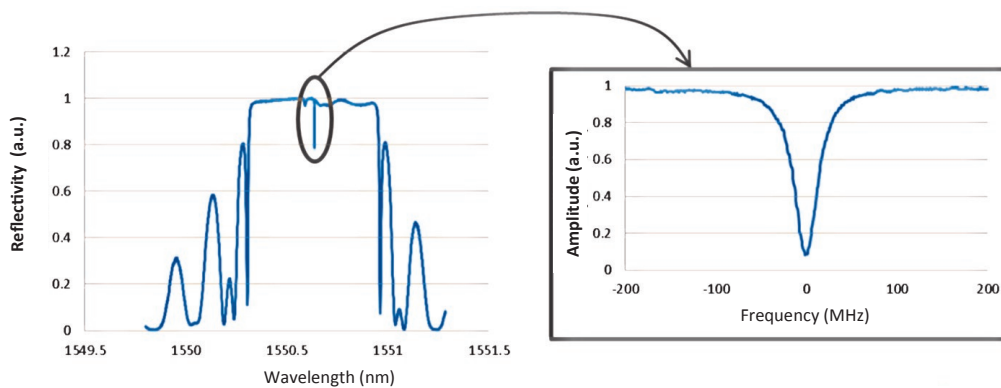
Typical Applications

Multi-Channel

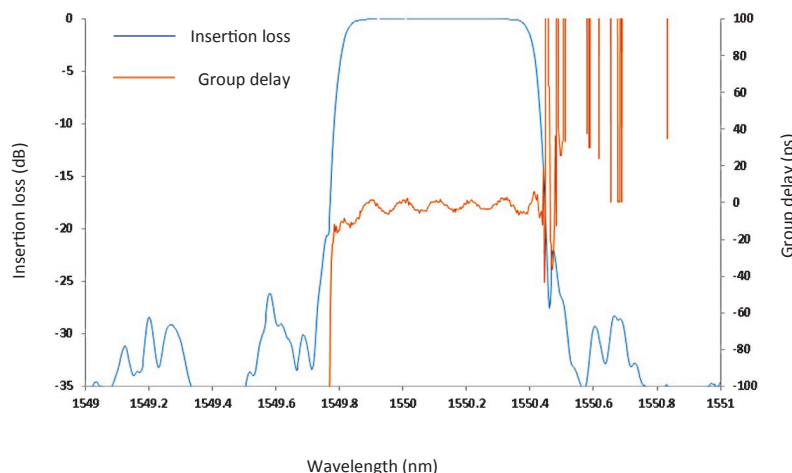
Narrow FBG



**Ultra
Narrowband
Filter**



**Low Dispersion
FBG**



Ordering information

For orders, questions, specific requirements or to learn more about TeraXion's products, contact us at info@teraxion.com

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