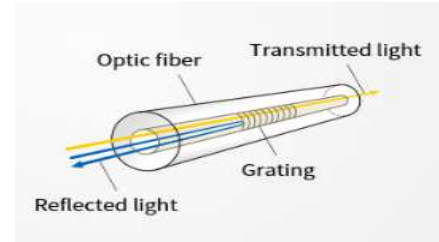


Fiber Bragg Gratings (FBG) for Reflection Filter

SPEC SHEET

Key Features

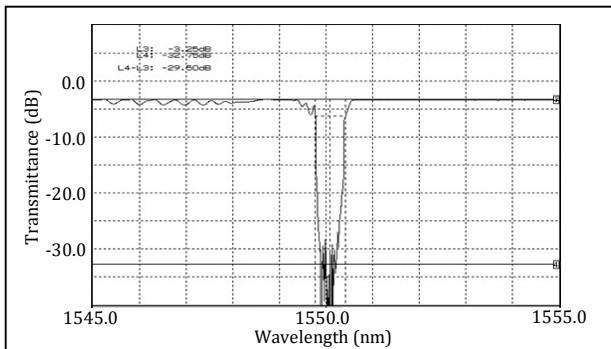
- A wide range of FBG devices are available from VIS to NIR
- A thermal FBG package is also available
- Available for various fiber options
- Prototypes can be made starting with single strands



Optical Specifications

Parameter	Unit	Value
Center Wavelength	nm	1300 - 1700
Center Wavelength Tolerance	nm	±0.2
Reflected Bandwidth	nm	0.5 - 5.0
Reflected Bandwidth Tolerance	%	±20
Reflectance	%	> 99
Reflectance Tolerance	%	-
Fiber Type	-	SMF or PMF
Recoating	-	UV acrylate or None
Fiber Length	m	0.3 - 1.8 (Standard 1m)
Connector	-	None or FC/SC/LC connector

Typical Optical Specifications



A sample of 1550nm FBG