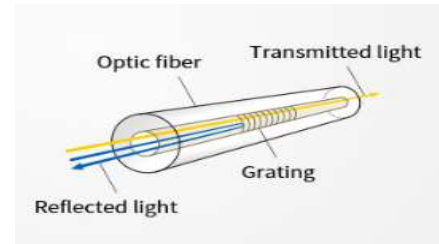


Fiber Bragg Gratings (FBG) for OCT[SD-OCT]

SPEC SHEET

Key Features

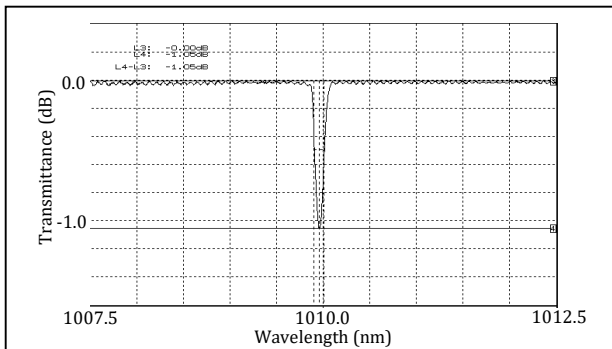
- A wide range of FBG devices are available from VIS to NIR
- A thermal FBG package is also available
- Available for various fiber options
- Prototypes can be made starting with single strands



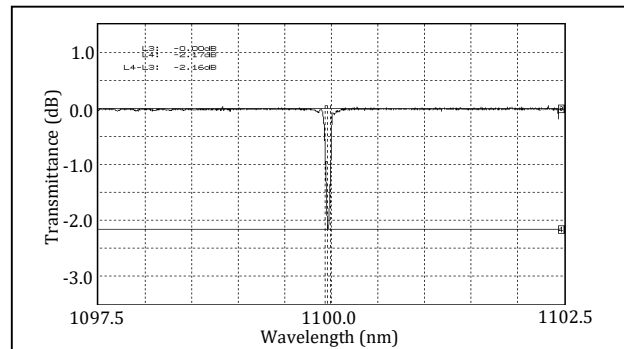
Optical Specifications

Parameter	Unit	Value
Center Wavelength	nm	790 - 910
Center Wavelength Tolerance	nm	±0.2
Reflected Bandwidth	nm	0.05 - 0.5
Reflected Bandwidth Tolerance	%	±20
Reflectance	%	5 - 50
Reflectance Tolerance	%	±2
Fiber Type	-	Single mode fiber (Standard: Corning HI1060) Single mode fiber (Standard: Corning HI 780)
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 1010nm FBG



A sample of 1100nm FBG