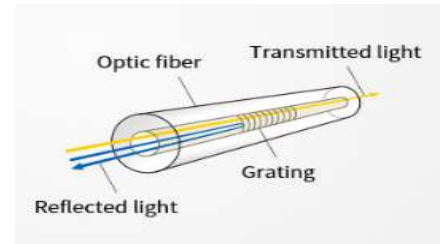


Fiber Bragg Gratings (FBG) for Fiber Laser

SPEC SHEET

Key Features

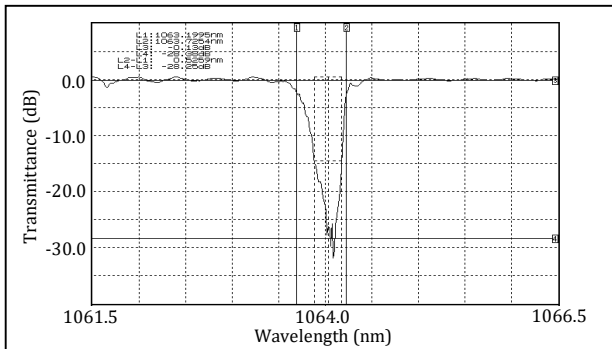
- A wide range of FBG devices are available from VIS to NIR
- A thermal FBG package is also available
- Available for various fiber options
- Prototypes can be made starting with single strands



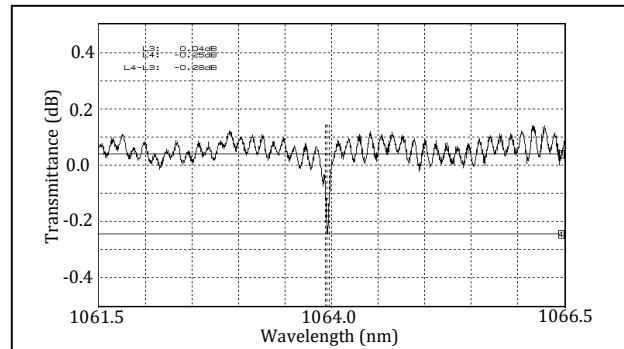
Optical Specifications

Parameter	Unit	Value	
		HR-FBG	OC-FBG
Center Wavelength	nm	1000 - 1120	1000 - 1120
Center Wavelength Tolerance	nm		±0.2
Reflected Bandwidth	nm	0.2 - 1.0	0.05 - 0.5
Reflected Bandwidth Tolerance	%		±20
HR-FBG and OC-FBG Tolerance	nm		±0.1
Reflectance	%	> 99	5 - 20
Reflectance Tolerance	%	-	±2
Fiber Type	-	Custom (SMF, PMF, DCF)	Custom (SMF, PMF, DCF)
Recoating	-	UV acrylate or None (DCF: none only)	
Fiber Length	m	0.3 - 1.8 (Standard 1m)	
Connector	-	None or FC/SC/LC connector	

Typical Optical Specifications



A sample of 1064nm HR-FBG



A sample of 1064nm OC-FBG