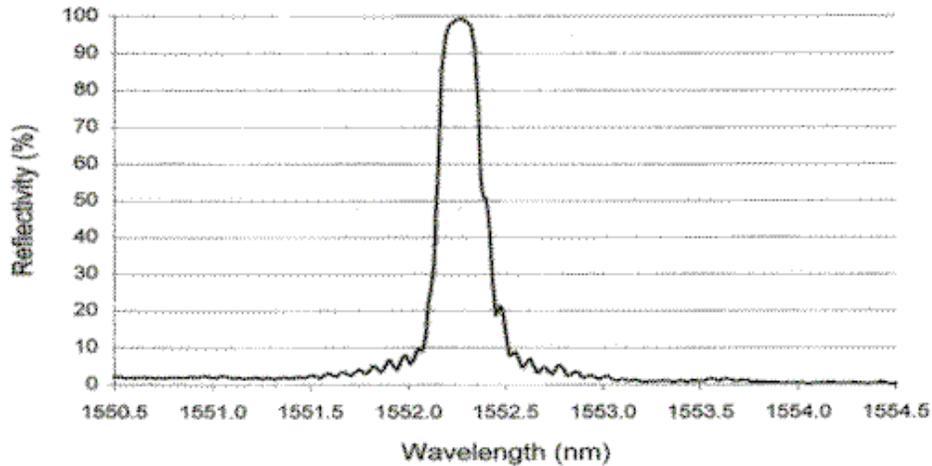




# Standard Fiber Bragg Grating



We can offer standard fiber gratings in a wide range from 650nm to 1600nm. These standard fiber gratings can be used for fiber sensor and telecommunication applications. Any wavelength fiber gratings can be fabricated within a few days.

All fiber gratings are fully tested to assure the highest quality standards. Technical support is available to meet every customer specific applications: from prototype development to full product manufacturing.

For high temperature sensor application, we can provide polyimide fiber made fiber Bragg gratings. The fiber Bragg grating in polyimide fiber can be recoated with polyimide recoating.

We also provide athermal package for our fiber grating products which can be used as wavelength reference for some applications. Our patented fiber grating athermal package can make temperature compensated fiber grating with low cost, high reliability, high production efficiency.

## APPLICATIONS:

Optical fiber telecommunication, fiber sensor, biomedical, instrumentation, others

## SPECIFICATIONS:

Parameters	Units	Min.	Typ.	Max.
Wavelength	Nm	785		1620
FWHM	Nm	0.05		
Reflectivity	DB	<1	10	>30
Fiber length	Meters		1.5	
Fiber type	SMF-28, HI1060, Polyimide, others			
Pull strength	Kpsi	>50	>100	>150
Protection	0.9mm loose tube, 2mm tube, 3mm tube, others			
Recoating	Acrylate, polyimide, others			
Athermal	Ps/ C		<0.5	
Connector	FC/PC, FC/APC, ST, others			

