

1560nm Transmission FBG Fiber Bragg Grating (AOS)



● Product Description

FBG stands for Fiber Bragg Grating, which refers to a fiber optic Bragg grating. It is a grating with a spatially periodic phase distribution formed within the fiber core. Its fundamental function is to act as a narrowband (transmission or reflection) filter or mirror within the core. Leveraging this property, a variety of unique fiber optic devices can be manufactured.

● Product features

Center Wavelength: 1560nm 、 High Transmission 、 Single-Mode Fiber 、
 FC/APC Connector

● Part Number

MP-FBG-1560-46-4.9-SA

● Application area

Fiber Lasers、 Fiber Filters、 Fiber Sensing、 Test and measurement、
 Nonlinear effect research

● Core parameters

Center Wavelength	Center Frequency	Transmission Loss
1560.547nm	192.1THz	0.22dB

● Dimension Drawing

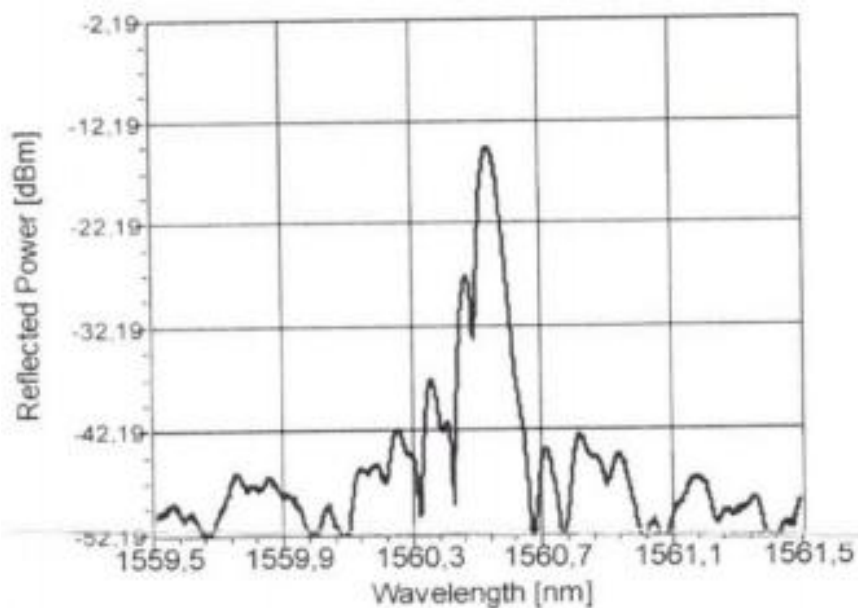


● General Parameters

Parameters

Center Wavelength	1560.547nm	
Center Frequency	192.1THz	
Transmission Loss	0.22db	
Reflectivity	4.9%	
SNR @ ± 1 nm	35dB	
Reflection Bandwidth		
-1.0 dB	0.027nm	3.3GHz
-3.0dB	0.046	5.7GHz
Fiber Type	Corning SMF28e	
Connector Type	FC/APC	

Reflection Spectrum





Transmission Spectrum

