

Sensing Fiber Bragg Grating

Product Features

- High stability and reliability
- Length Customized grating
- High SLSR

Product Applications

- Civil Construction
- Power Station
- Fiber Sensors
- Oil & Gas

Specifications

Parameter	Unit	Value			
Center Wavelength	nm	1510 ~ 1590			
FBG Profile		Apodized			
Wavelength Tolerance	nm	±0.3			
FBG Length	mm	3	5	10	15
Reflectivity	--	≥70%	≥75%	≥90%	≥90%
Bandwidth at -3dB	nm	≤0.7	≤0.7	≤0.3	≤0.3
SLSR	dB	≥15			
Recoating		Acrylate Or Polyimide			
Proof Test	Kpsi	≥100			
Fiber Type	--	SMF-28e Or Polyimide Fiber(OFS BF04446)			
Fiber Termination		Bare Fiber, FC/UPC, Or FC/APC			
Pigtail Length	--	1 meter (Typical)			
Operating Temp.	°C	SMF-28 fiber: -20 ~ 80; Polyimide Fiber: -40 ~ 300			
Storage Temp.	°C	SMF-28 fiber: -40 ~ 120; Polyimide Fiber: -40 ~ 300			