

FBG for Sensor

Features

High Stability and Reliability
 Length Customized Grating
 High SLSR

Applications

FBG Sensors
 Measurement

Specifications

Parameters	Unit	Values			
Center Wavelength	nm	1510~1650			
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			
Fiber Termination	--	Bare Fiber, FC/UPC, FC/APC or E2000			
Fiber Length	m	1 (Typical)			
Operating Temperature	°C	SMF-28 Fiber: -5 ~ 80			
		Polyimide Fiber: -40 ~ 300			
Storage Temperature	°C	SMF-28 Fiber: -40 ~ 80			
		Polyimide Fiber: -40 ~ 300			

Ordering Information

FBG- ①①①-②②②②②②②-③③-④-⑤

①	Wavelength	1510; 1520; ...
②	Fiber Type	SMF-28e; Polyimide;
③	FBG length	03=3mm; 05=5mm; 10=10mm; 15=15mm
④	Recoating Type	A=Acrylate; P=Polyimide;
⑤	Fiber Length	1=1m; 2=2m; ...