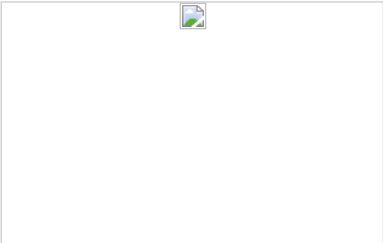




FBG Array

FBG Array is a series of Bragg grating written on a single optical fiber. It can meet the requirements for long monitoring and multi-points monitoring. It has high stability and reliability, as well as simplifying the system. DK Photonics can customize the FBG array for different customers.



Name: **FBG Array**
Class: [FBG Products](#)
Type: [Fiber Bragg Grating Products](#)
Price: **As low as**

[Inquire Now](#)

- High power Components
- PM Components
- Circulator & Isolator
- 1064nm Components
- Pump Combiner
- Fused Products
- WDM Products
- Hybrid Device for EDFA

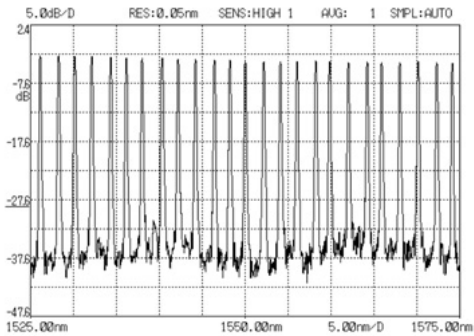
- FBG Products**
- Patchcord & Attenuator

Features

- No splicing point
- Customer defined grating characteristics and spacing
- High Stability and Reliability
- Long fiber distance

Applications

- Distributed Sensing Measurement
- Wavelength Reference
- Aerospace Engineering
- Load monitoring for power transmission



Reflective Spectrum For FBG Array

Specifications

Parameters	Values			
Center Wavelength(nm)	1510 ~ 1590			
Wavelength Tolerance(nm)	±0.5			
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			
Mini. Spacing(mm)	10			
Spacing Accuracy(mm)	≤1			
Recoat	Acrylate Or Polyimide			
Proof Test(Kpsi)	≥100			
Fiber Type	SMF-28e Or Polyimide Fiber(OFS BF04446)			
Fiber Termination	Bare Fiber, FC/UPC, FC/APC Or E2000			
Pigtail Length	Customized			
Operating temperature(°C)	-40 ~120			

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Our Products:

- FWDM

980/1550nm WDM

CWDM

DWDM

Mini CWDM

1064nm Bandpass Filter
- Circulator

Isolator

Fused Coupler

Fused WDM

Pump Combiner
- PM Circulator

PM Isolator

PBC/PBS

PM WDM

PM Coupler
- 1064nm High Power Isolator

980nm High Power Isolator

High Power Circulator

Pump Laser Protector

Fiber End Caps/Cladding Power Stripper

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