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Long Period Grating

Long period grating couples light from a guided mode into forward propagating cladding modes where it is lost due to absorption and scattering. The coupling from the guided mode to cladding modes is wavelength dependent so we can obtain a spectrally selective loss. It is an optical fiber structure with the properties of a long period grating periodically varying along the fiber, such that the conditions for the interaction of several co-propagating modes are satisfied.



Name: Long Period Grating

Class: [FBG Products](#)

Type: [Fiber Bragg Grating Products](#)

Price: *As low as*

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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 reflection type

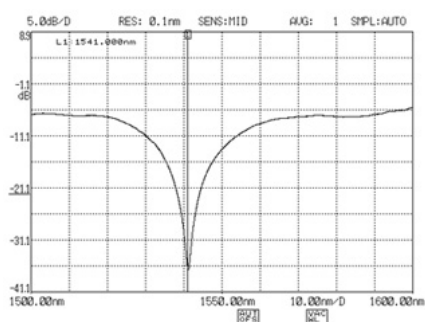
Low insertion loss

Applications

Notch band filter

GFF for EDFA

Optical fiber sensing



Specifications

| Parameters | Values | Remark |
|--------------------|------------------------------|---------------------------|
| Wavelength(nm) | C+L | |
| Insertion Loss(dB) | >8.5 | +/-5nm @center wavelength |
| FWHM(nm) | 0.5~3 | |
| Termination | Bare Fiber, FC/UPC Or FC/APC | Customized |
| Fiber Type | SMF-28 Or Compatible | |

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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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