

Chirped Fiber Brag Grating

Features:

Single mode or double clad fiber available
In house fiber
High power application

Application:

Fiber Laser
Fiber Sensor
Experimental tests and other areas

Type	CFBG		Unit	Note
Description	High reflectivity	Output Coupler		
Center Wavelength	1080±0.15	1080±0.1	nm	
Reflection Bandwidth	2.3±0.3	1.0±0.1	nm	
Reflectivity ²	≥99	10±2	%	
Side-mode Suppression	≥10		dB	
Wavelength Mismatch	≤0.2			OC relative to HR
Thermal Slope ³	≤0.050		°C/W	
Fiber Type	Nufern-FUD-3583-SM-GDF-10/125-0.08/0.46NA			
Power Handling	300		W	
Wavelength dependence with temperature	<15		pm/°C	
Operating Temperature	+10~+50		°C	
Storage Temperature	-5~+60		°C	
Dimensions	70x12x8		mm	

Mechanical Dimension



Ordering Information

GCFBG-1-2-3-4-5-6-7

1	Center wavelength	1080 - 1080nm	Other - Specify
2	Reflection bandwidth	2.3±0.3nm	Other - Specify
3	Input Fiber Type	Nufern-FUD-3583-SM-GDF-10/125-0.08/0.46NA	Other - Specify
4	Output Fiber Type	Nufern-FUD-3583-SM-GDF-10/125-0.08/0.46NA	Other - Specify
5	Power	300W - 300W power	
6	Package Type	X-70x12x8mm	Other - Specify
7	Fiber Length	1 m- 1meter	Other - Specify