

High-Power Fiber Bragg Gratings

These High-Power Fiber Bragg Gratings (HP-FBGs) are specially designed and developed to use as cavity mirrors in high-power fiber laser systems. **O/E Land Inc.** has more than one decade of solid experience in designing and fabricating FBGs for various industrial applications. Supported by our strong R&D team, these HP-FBGs are made at our advanced fabrication facility at LaSalle, Quebec. We deliver HP-FBGs with custom specifications for an unbeatable price.

Features

- Custom specification
- Large wavelength range
- Precise center wavelength matching
- High power handling

Application

- High-power fiber laser
- Biomedical
- Industrial
- Non-linear optics

Specifications

Parameter	Value		Unit
	HR-FBG	OC-FBG	
Model	HR-FBG	OC-FBG	-
Center wavelength	900-2400		nm
CWL mismatch	≤0.1		nm
Reflectivity	>99	5-99	%
Power handling (pump)	Upto 1000		W
Fiber type	SMF, PMF, DCF, LMA		-
Packaging	High-power 75×10×5		mm

Other specifications are available upon request
 All specifications are subject to change without notice

