

## 0806 Other High Power Device

### HBF2100



## 1550 nm Bandpass Filter

The HBF2100 is a 1550 nm bandpass filter. This highly reliable bandpass filter offers low insertion loss, high return loss and high extinction ratio. It can be used for fiber laser, testing instrument, fiber sensor and EDFA.

### FEATURES

- High Return Loss
- Low Insertion Loss
- High Extinction Ratio
- High Stability & Reliability

### USE IN

- Fiber Laser
- Test Instrument
- Fiber Sensor
- EDFA

Center Wavelength	1550 nm		
Polarization Dependent Loss at 23°C, only for PI	20 dB max.		
Return Loss	50 dB min.		
Power Handling (CW)	20 W max.		
Pulsed Power	20 kW max.		
Tensile Load	5 N max.		
Pass Band Width	2	5	8
Insertion Loss of Pass Band	0.8 dB max.	0.8 dB max.	0.8 dB max.
Stop Bandwidth (@-25 dB)	10 nm max.	10 nm max.	20 nm max.
Optical Fiber	PM or Hi1060 or SMF-28e		
Pigtail Type	250 μm Bare Fiber or 900 μm Loose Tube		
Fiber Length	1 m typ.		
Operating Temperature	0°C to +65°C		
Storage Temperature	-40°C to +80°C		