

0906 Other High Power Device

HBF2100



1550 nm Bandpass Filter

The filter 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.

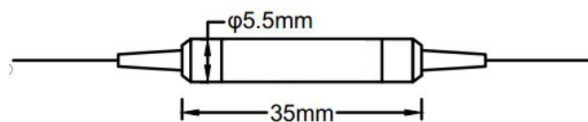
FEATURES

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

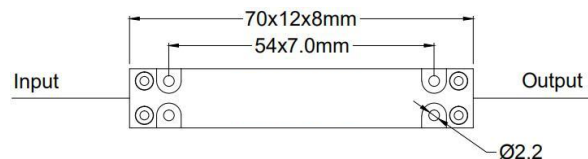
USE IN

- Fiber Laser
- Test Instrument
- Fiber Sensor
- EDFA

MECHANICAL DRAWING



max. Input Power: 5 W



max. Input Power: 20 W

Center Wavelength	1550 nm
Pass Band Width(@-0.5 dB)	2 nm, 5 nm, 8 nm, 15 nm or Specify
Stop Bandwidth (@-25 dB)	Specify
Insertion Loss of Pass Band	0.7 dB max.
Polarization Dependent Loss (SM Fiber)	0.15 dB max.
Extinction Ratio (PM Fiber)	20 dB min.
Return Loss	50 dB min.
Power Handling	20 W max.
Pulsed Power	0.5 W, 1 W, 5 W, 10 W, 20 W or Specify max.
Peak Power for ns Pulse	10 kW or Specify
Tensile Load	5 N max.
Operating Temperature	0°C to +70°C
Storage Temperature	-40°C to +85°C

* With connectors, the handling power is 1 W only, IL is 0.3 dB higher, RL is 5 dB lower, and ER is 2 dB lower.

Order notes to our customers: The default parameters are as follows. For special needs, please contact sales.
1) Connector FC/APC, 900 um, 1 m by default for all devices except for high power devices.
2) Slow axis working, fast axis blocked, connector key is aligned to slow axis by default for PM devices.