

➤ 1064nm High Power Bandpass Filter

Features

- Low Insertion Loss
- High Isolation
- Optical Path Epoxy Free

Applications

- Optical Applications
- FBG Applications
- Fiber Sensors

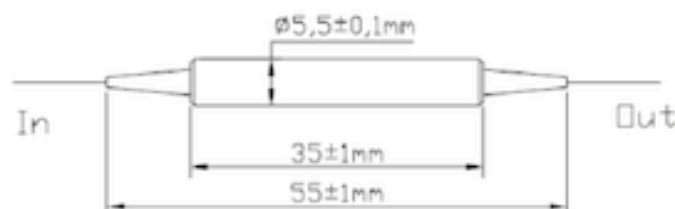
Product Characteristics Performance

Parameters	Unit	Values	
Center Wavelength	nm	1053	1064
Operating Wavelength Range	nm	±0.5	
Pass Band	nm	Act2.5 or Act5.0	
Typ. Insertion Loss	dB	0.5	
Max. Insertion Loss	dB	0.7	
Min. Pass Isolation @ 20dB down from peak	nm	12	22
Min. Return Loss	dB	50	
Max. PDL	dB	0.1	
Thermal Stability	dB/°C	≤ 0.005	
Thermal Wavelength Drift	nm/°C	≤ 0.003	
Max. Peak Power	KW	5	10 or Specify
Max. Optical Power	W	2	5 10 20 or Specify
Max. Tensile Load	N	5	
Fiber Type		Hi 1060 Fiber 10/125 fiber or Specify	
Operating Temperature	°C	-5 to +65	
Storage Temperature	°C	-40 to +85	

Above specifications are for device without connector.

△For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower.

Package Dimensions



Ordering Information

HPBF-①①①①-②②-③③-④④-⑤⑤-⑥⑥

①①①①: Center Wavelength
1053 - 1053nm
1064 - 1064nm

②②: Passband
05 - 5nm
10 - 10nm

③③: Optical Power
Z5 - 500mW
01 - 1W
10 - 10W
20 - 20W

④④: Connector Type(in/out)
N- None
S-Specify

⑤⑤: Fiber Type(in/out)
B - 250um bare fiber
L - 900um Loose Fiber
S - Specify

⑥⑥: Fiber Length
10-1.0m
S-Specify

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