

Polarization Maintaining Bandpass Filter

Product Features

- Low Insertion Loss
- Compact Size
- Environmental Stability

Product Applications

- Communication Systems
- Test Instrumentations
- Fiber Sensors
- Research

Specifications

Parameter	Unit	Value				
Operating wavelength	nm	1064				
Min. Pass Bandwidth @ -0.5 dB	nm	2	5	8	14	22
Max. Stop Bandwidth @ -25 dB	nm	12	18	20	48	50
Center Wavelength	nm	1030				
Min. Pass Bandwidth @ -0.5 dB	nm	2	5	8	25	
Max. Stop Bandwidth @ -25 dB	nm	12	10	22	50	
Max. Insertion Loss	dB	1.0				
Min. Return Loss	dB	50				
Min. Extinction Ratio	dB	20				
Max. Average Optical Power	mW	500				
Max. Peak Power for ns Pulse	kW	10				
Max. Tensile Load	N	5				
Fiber Type	-	PM 980 fiber or Specify				
size	mm	5.5X55				
Operating Temperature	°C	-5 to +70				
Storage Temperature	°C	-40 to +85				

* IL is 0.3 dB higher, RL is 5 dB lower, ER is 2 dB lower and Optical Power is 1W only for each connector added.
Connector key is aligned to slow axis.

Ordering Information					
PMBP	Wavelength	Pass Bandwidth	Pigtail Type	Fiber Length	Connector
	1064nm 1030nm Specify	2nm 5nm 8nm 14nm 22nm Specify	250um bare fiber 900um loose tube Specify	0.5m 1m 1.5m 2m Specify	N=None FC/APC FC/UPC SC/APC SC/UPC LC/UPC Specify