

Polarization Maintaining Bandpass Filter

Product Features

- Low Insertion Loss
- Compact Size
- Environmental Stability

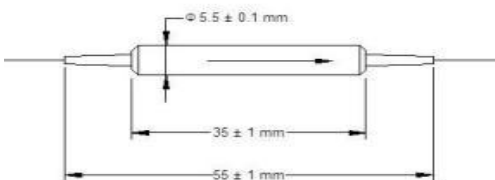
Product Applications

- Communication Systems
- Test Instrumentations
- Fiber Sensors
- Research

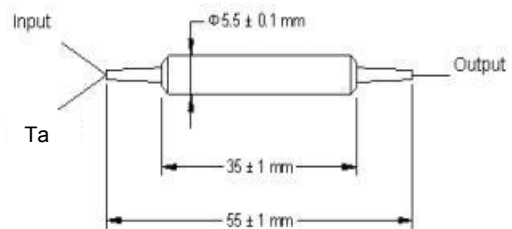
Specifications

Parameter	Unit	Value	
Operating wavelength	nm	1554	1556
Min. Pass Bandwidth @ -0.5 dB	nm	6	8
Max. Stop Bandwidth @ -25 dB	nm	12	20
Max. Insertion Loss	dB	1	
Min. Return Loss	dB	50	
Min. Extinction Ratio	dB	20	
Max. Optical Power	mW	300	
Max. Peak Power for ns pulse	kW	10	
Max. Tensile Load	N	5	
Fiber Type	-	PM1550 fiber	
Storage temperature	°C	-5 to +70	
Package dimensions	mm	-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.



2 ports



3 ports



Ordering Information						
PMB P	Wavelength	Pass Bandwidth	Pigtail Type	Fiber Length	Connector	Size
1X1 1X2	1554nm 1556nm Specify	6nm 8nm 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	Φ5.5x55 mm