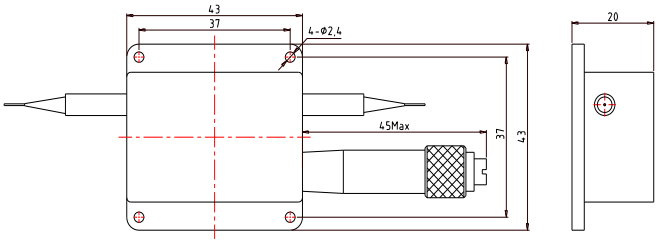
Polarization Maintaining Tunable Optical Filter 1064nm

The 1064nm Manual Polarization Maintaining Tunable Optical Filter is based on thin film cavity filter technology, its center wavelength could be precisely achieved by adjusting a screw, it passes wavelengths within a certain range and rejects (attenuates) wavelengths outside that range while maintaining the transmission spectral shape polarization-insensitive over the whole tuning range. It is tunable continuously over a wide spectral range up to 80 nm. The manual tunable filter features low insertion loss and high extinction ratio.



Features

Wide Tuning Range
Low Insertion Loss
High Extinction Ratio

Applications

DWDM
Fiber Sensor
ASE Control
Lab & Research

Performance Specification

Parameter	Value		Unit
Center Wavelength (λc)	1064 or customized		nm
Tuning Resolution	0.02 - 0.1		nm
Tuning Range	Typ. 40	Max. 80	nm
Insertion Loss	Typ. 2.9@1020, 2@1060, 1.3@1090nm	Max. 4	dB
Extinction Ratio	Min. 18	Typ. 20	dB
Bandwidth @-3dB	Typ. 1	Max. 1.2	nm
Typ. Bandwidth @-20dB	10		nm
Extinction @ 10nm Deviation	30		dB
Min. Return Loss	40		dB
Max. Optical Power (CW)	500 (higher available upon request)		mW
Fiber Type	PM Panda Fiber		
Operating Temperature	-20 to +70		℃
Storage Temperature	-40 to +85		℃
Package Dimension			mm

Note

** Above specifications are for devices without connectors.*
** For high power applications, pls discuss with OF-LINK.*
** Specifications may change without notice.*

Ordering Information

PMTOF-AAAA-BB-C-DD-EE

AAAA	BB	C	DD	EE
Center Wavelength	Fiber Type	Fiber Jacket	Fiber Length	Connector
1064 - 1310nm SSSS - Specify	PM - PM Panda Fiber SS - Specify	B - 250um Bare Fiber L - 900um Loose Tube	05 - 0.5m 08 - 0.8m 10 - 1.0m 15 - 1.5m SS - Specify	NE - None FA - FC/APC FP - FC/PC SA - SC/APC SP - SC/PC LA- LC/APC LP - LC/PC SS - Specify

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