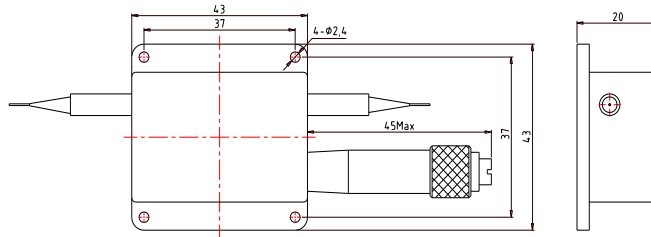


Polarization Maintaining Tunable Optical Filter 1310nm

The 1310nm 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 (λ_c)	1310 or customized		nm
Tuning Resolution	0.02 - 0.1		nm
Tuning Range	Typ. 40	Max. 80	nm
Insertion Loss	Typ. 3	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		°C
Storage Temperature	-40 to +85		°C
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
1310 - 1310nm	PM - PM Panda Fiber	B - 250um Bare Fiber	05 - 0.5m	NE - None
1550 - 1550nm	SS - Specify	L - 900um Loose Tube	08 - 0.8m	FA - FC/APC
SSSS - Specify			10 - 1.0m	FP - FC/PC
			15 - 1.5m	SA - SC/APC
			SS - Specify	SP - SC/PC
				LA - LC/APC
				LP - LC/PC
				SS - Specify