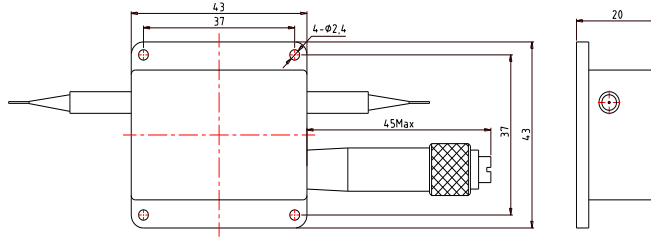


Tunable Optical Filter 1550nm

The 1550nm Manual 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 fiber optic tunable filter features low insertion loss.



Features

- Wide Tuning Range
- Low Insertion Loss
- Low PDL

Applications

- DWDM
- Fiber Sensor
- ASE Control
- Lab & Research

Performance Specification

Parameter	Value		Unit
Center Wavelength (λc)	1550 or customized		nm
Tuning Resolution	0.02 - 0.1		nm
Tuning Range	Typ. 40	Max. 80	nm
Insertion Loss	Typ. 2.1@1510, 2.0@1550, 1.4@1580nm	Max. 3	dB
PDL	Typ. 0.15	Max. 0.35	dB
PMD	Typ. 0.3	Max. 0.5	ps
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	SMF-28e		
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

TOF-AAAA-BB-C-DD-EE

AAAA	BB	C	DD	EE
Center Wavelength	Fiber Type	Fiber Jacket	Fiber Length	Connector
1310 - 1310nm	SM - SMF-28e 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