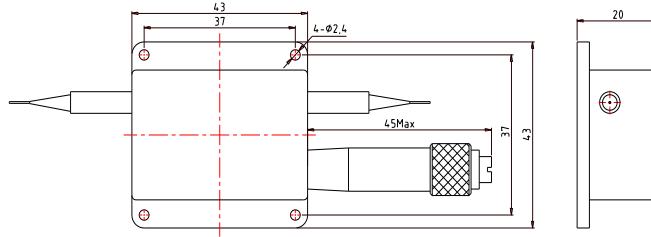


## High Power PM Tunable Optical Filter 1550nm, up to 10W

The 1550nm High Power 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 PM manual tunable filter features low insertion loss and high



### Features

- Wide Tuning Range
- Low Insertion Loss
- High Power Handling

### 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. 2.5	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)	0.5, 1, 3, 5, 7, 10 or Customized		W
Max. Tensile Load	5		N
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, if add connectors, connectors only CW 1W handling power guarantee.  
 \* For pulse applications, pls discuss with OF-LINK.  
 \* Specifications may change without notice.

### Ordering Information

#### HPMTOF-AAAA-BB-C-DD-EE-FF

AAAA	BB	C	DD	EE	FF
Wavelength	Fiber Type	Fiber Jacket	Fiber Length	Connector	Power
1310 - 1310nm	PM - PM Panda Fiber	B - 250um Bare Fiber	05 - 0.5m	NE - None	Z5 - 0.5W
1550 - 1550nm	SS - Specify	L - 900um Loose Tube	08 - 0.8m	FA - FC/APC	07 - 7W
SSSS - Specify			10 - 1.0m	FP - FC/PC	10 - 10W
			15 - 1.5m	SA - SC/APC	SS - Specify
			SS - Specify	SP - SC/PC	
				LA - LC/APC	
				LP - LC/PC	
				SS - Specify	