1565nm PM Band Pass Filter

1565nm PM Band Pass Filter is a fiber passive component which is based on thin-film filter technology, it can block the unwanted wavelength signal and pass the specific wavelength band. It's widely used in fiber amplifier and fiber laser field, the high power type is also available upon request.

Application:

Fiber Amplifier
Fiber Laser
Fiber Optic Sensor
Lab And Research

Features:

Low Insertion Loss
High Isolaton
High Power
High Realibility

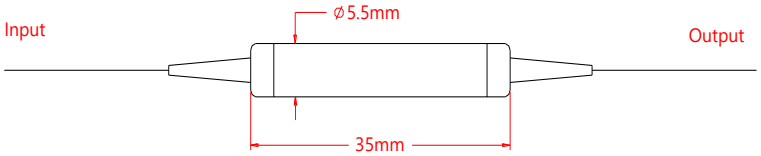
Specification:

Parameter	Symbol	Value					Unit
Center Wavelength	λ	1565					nm
Min. Pass Bandwidth @0.5dB	BW	1	2	5	5	10	nm
Max. Stop Bandwidth @25dB	BW	6	10	10	12	25	nm
Max. Insertion Loss	IL	1.0					dB
Min. Isolation	Iso	25					dB
Min. Extinction Ratio	ER	20					dB
Min. Return Loss	RL	50					dB
Max. Optical Power (CW)	P	500					mW
Max. Tensil Load		5					N
Fiber Type		PM 1550 Panda fiber					-
Operating Temperature	T	-5~70					℃
Storage Temperature	T	-40~85					℃
Package Dimension		Φ5.5xL35					mm

Notice: Above specifications are tested at center wavelength without connector in room temperature @23℃.

For devices with connectors, IL will be 0.3dB higher, ER will be 2dB lower, RL will be 5dB lower, slow axis is default aligned to the connector key.

Drawing:



Ordering Information (Part Number):

PMBPF-WWWW-PP-SS-J-LL-CC

WWWW	PP	SS	J	LL	CC
Wavelength	**Pass Band**	**Stop Band**	**Fiber Jacket**	**Fiber Length**	**Connector**
1560 - 1560nm	01 - 1nm 02 - 2nm 05 - 5nm 10 - 10nm 15 - 15nm 25 - 25nm SS - Specify	06 - 6nm 10- 10nm 12 - 12nm 20 - 20nm 25 - 25nm 38 - 38nm SS - Specify	B - 250um Bare Fiber 9 - 900um Loose Tube 2 - 2.0mm Loose Tube	05 - 0.5m 10 - 1.0m 15 - 1.5m 20 - 2.0m SS - Specify	NE - None FA - FC/APC FU - FC/UPC SA - SC/APC SU - SU/APC LA - LC/APC LU - LC/UPC SS - Specify