

## 1314nm Band Pass Filter

1314nm 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 Reliability



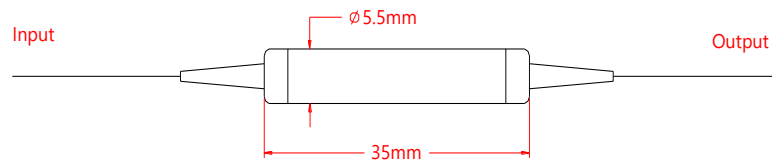
### Specification:

Parameter	Symbol	Value	Unit
Center Wavelength	$\lambda$	1314	nm
Min. Pass Bandwidth @0.5dB	BW	3	nm
Max. Stop Bandwidth @25dB	BW	6	nm
Max. Insertion Loss	IL	1.0	dB
Min. Isolation	Iso	25	dB
Max. Polarization Dependent Loss	PDL	0.15	dB
Min. Return Loss	RL	50	dB
Max. Optical Power (CW)	P	500	mW
Max. Tensile Load		5	N
Fiber Type		SMF-28e fiber	-
Operating Temperature	T	-5~70	°C
Storage Temperature	T	-40~85	°C
Package Dimension		$\Phi 5.5 \times L35$	mm

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

For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower.

### Drawing:



### Ordering Information (Part Number):

BPF- <b>WWW</b> - <b>PP</b> - <b>SS</b> - <b>J</b> - <b>LL</b> - <b>CC</b>					
<b>WWW</b>	<b>PP</b>	<b>SS</b>	<b>J</b>	<b>LL</b>	<b>CC</b>
Wavelength	Pass Band	Stop Band	Fiber Jacket	Fiber Length	Connector
1314 - 1314nm	03 - 3nm SS - Specify	06 - 6nm SS - Specify	B - 250um Bare Fiber 9 - 900um 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