

1867nm Band Pass Filter

1867nm Band Pass Filter is a fiber passive component which is based on thin-film filter technology, it can be used to pass specific wavelength range and block the unwanted wavelength range, It's widely used in fiber laser and fiber testing system, the high power type is also available upon request.

Application:

Fiber Laser
Testing System
Fiber Optic Sensor
Lab And Research

Features:

Low Insertion Loss
High Isolation
High Power
High Reliability



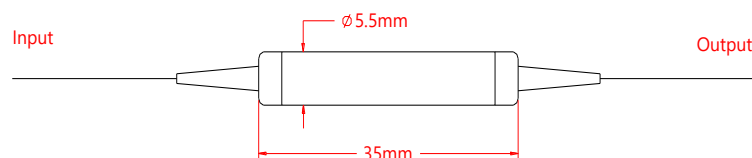
Specification:

Parameter	Symbol	Value	Unit
Center Wavelength	λ	1867	nm
Min. Pass Bandwidth @0.5dB	BW	3	nm
Max. Stop Bandwidth @25dB	BW	6	nm
Max. Insertion Loss	IL	0.8	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 or SM 1950 fiber	-
Operating Temperature	T	-5~70	°C
Storage Temperature	T	-40~85	°C
Package Dimension		Φ5.5xL35	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- WWW - PPSS - FF - J - LL - CC					
WWW	PPSS	FF	J	LL	CC
Wavelength	Pass Band & Stop Band	Fiber Type	Fiber Jacket	Fiber Length	Connector
1867 - 1867nm SSSS - Specify	0306 - 6nm Pass, 6nm Stop SSSS - Specify	S1 - SM 1950 S2 - SMF-28e	B - 250um Bare Fiber 9 - 900um Loose Tube 2 - 2.0mm Loose Tube 3 - 3.0mm 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