1036nm Band Pass Filter

1036nm 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

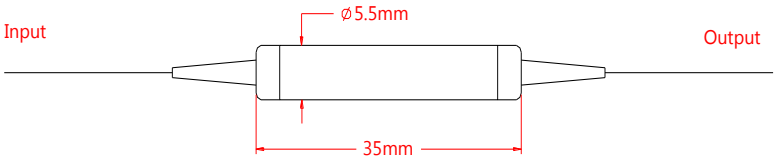
Low Insertion Loss
High Isolaton
High Power
High Realibility

Specification:

Parameter	Symbol	Value		Unit
Center Wavelength	λ	1036		nm
Min. Pass Bandwidth @0.5dB	BW	12	30	nm
Max. Stop Bandwidth @25dB	BW	30	50	nm
Max. Insertion Loss	IL	1.2		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	300		mW
Max. Tensil Load		5		N
Fiber Type		HI 1060 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, RL will be 5dB lower.

Drawing:



Ordering Information (Part Number):

BPF-WWWW-PP-SS-J-LL-CC

WWWW	PP	SS	J	LL	CC
Wavelength	**Pass Band**	**Stop Band**	**Fiber Jacket**	**Fiber Length**	**Connector**
1036 - 1036nm SSSS - Specify	12 - 12nm 30 - 30nm SS - Specify	30 - 30nm 50 - 50nm 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