



Introduction

Rayzer's **Single Mode Band Pass Filter(BPF)** series product, is a micro optics device based on thin-film filter technology. It is used to block out unwanted noise signals in EDFAs and fiber laser systems. The components are characterized with high isolation, low insertion loss, excellent environmental stability and high power handling capability.



Specification

Parameters	Unit	Values	
Center Wavelength	nm	1064	1550
CWL	nm	±5(Customized)	±2(Customized)
@0.5dB Pass band	nm	2/5/10/15	2/5/10/15
@25dB Blocked band	nm	5/8/10/25	5/8/10/25
Max.Insertion Loss@ Pass band	dB	0.8	1.0
Min.Return Loss	dB	50	50
Handing Power	mW	300	500
Max. Tensile Load	N	5	5
Fiber Type	-	Hi1060	SMF28e
Working Temperature	°C	-5 to +70	-5 to +70
Storage Temperature	°C	-40 to +85	-40 to +85

*IL is 0.3 dB higher, RL is 5 dB lower, and ER is 2 dB lower for each connector added. Connector key is aligned to slow axis.

*Above specifications are for device without connector and may change without notice.

Ordering Information

BPF-①-②-③-④-⑤-⑥-⑦-⑧

①Center Wavelength	②Pass Band Band	③Blocked Band	④Package Dimension	⑤Fiber Type	⑥Fiber Length	⑦Fiber Jacket	⑧Connector
1064-1064nm	2-2nm	5-5nm	5.5x35	Hi1060-Hi1060	1-1M	0-Bare Fiber	FU-FC/PC
1550-1550nm	5-5nm	8-8nm	S-Specify	SMF28e-SMF28e	S-Specify	1-900μm Loose Tube	FA-FC/APC
2000-2000nm	8-8nm	10-10nm		S-Specify		2-2mm Cable	S-specify
S-Specify	S-Specify	S-Specify					