

Introduction



Rayzer's **Polarization Maintaining Band Pass Filter (PMBPF)** series product, selects the thin film filter with good performance to ensure the high quality optical performance, stability and reliability. It is used to shield noise signal in EDFA and fiber laser system. It has the characteristics of high isolation, low insertion loss, high return loss and high power.



Specification

Parameters	Unit	Values
Center Wavelength	nm	1550
Pass Band Width@0.5dB	nm	2/5/10/15
Blocked Band Width@25dB	nm	5/8/10/25
Max. Insertion Loss @Pass band	dB	1.0
@25℃ Typ. Extinction Ratio	dB	28
@25℃ Min. Extinction Ratio	dB	25
Min. Return Loss	dB	50
Handling Power	mW	500
Max. Tensile Load	N	5
Fiber Type	-	PM1550
Working Temperature	℃	-5 to +70
Storage Temperature	℃	-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

PMBPF-①-②-③-④-⑤-⑥-⑦-⑧

①Central	②Pass Band	③Blocked Band	④Package	⑤Fiber Type	⑥Fiber Length	⑦Fiber Jacket	⑧Connector
1064-1064nm	2-2nm	5-5nm	5.5x35	PM980-PM980	1-1M	0-Bare Fiber	FU-FC/PC
1550-1550nm	5-5nm	8-8nm		PM1550-PM1550	S-Specify	1-900μm Loose	FA-FC/APC
2000-2000nm	8-8nm	10-10nm		S-Specify		2-2mm Cable	S-specify
S-Specify	S-Specify	S-Specify					