

## Band Pass Filter-1 $\mu$ m

### Features

- Low Insertion Loss
- High Stability and Reliability
- High Power Handling Capacity

### Applications

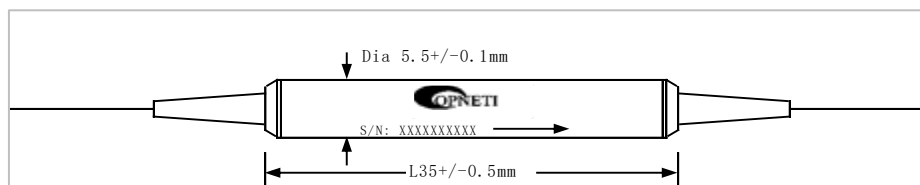
- Fiber Laser
- Fiber Amplifier
- Testing Equipment

### Specifications

Parameters	Unit	Values				
Center Wavelength	nm	1064, 1060, 1030				
Center Wavelength Tolerance	nm	0.5	0.5	1	2	2
Pass Band	nm	1	2	5	8	20
Suppression Band for 1064nm Band Pass Filter (at -25dB)	nm	1000~1062 & 1066~1100	1000~1061 & 1067~1100	1000~1057 & 1071~1100	1000~1054 & 1074~1100	1000~1046 & 1082~1100
Suppression Band for 1060nm Band Pass Filter (at -25dB)	nm	1000~1058 & 1062~1100	1000~1057 & 1063~1100	1000~1053 & 1067~1100	1000~1050 & 1070~1100	1000~1042 & 1078~1100
Suppression Band for 1030nm Band Pass Filter (at -25dB)	nm	1000~1028 & 1032~1100	1000~1027 & 1033~1100	1000~1023 & 1037~1100	1000~1020 & 1040~1100	1000~1012 & 1048~1100
Wavelength Suppression	dB	$\geq 25$				
Insertion Loss over Pass Band	dB	$\leq 0.8$				
PDL	dB	$\leq 0.15$				
PER (for PM Fiber)	dB	$\geq 20$				
Return Loss	dB	$\geq 50$				
Power Handling CW <sup>[1]</sup>	mW	300, 1000, 2000				
Fiber Type		HI1060, PM980				
Operating Temperature	$^{\circ}$ C	0 ~ +65				
Storage Temperature	$^{\circ}$ C	-40 ~ +85				
Dimensions	mm	$\phi 5.5 \times 35$				

<sup>[1]</sup> for optical power >1w, extra port is needed for leaking useless light

### Package Dimensions



### Ordering Information

BPF-  
PMBPF- ①①①①-②②-③③③-④-⑤-⑥⑥-⑦⑦⑦

①	Wavelength	1064; 1060; 1030;
②	Pass Band Width	01=1nm; 02=2nm; 05=5nm; 08=8nm; 20=20nm;
③	Pigtail Type	250=250um Bare Fiber; 900=900um Loose Tube;
④	Fiber Type	4=HI1060; 5=PM980;
⑤	Length	1=1m;
⑥	Connector	NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC; XX=Other;
⑦	Power Handling	0.3=300mW; 1=1W; 2=2W;