

Band Pass Filter Device

(1030nm , 1064nm , 1550nm or customized wavelength)

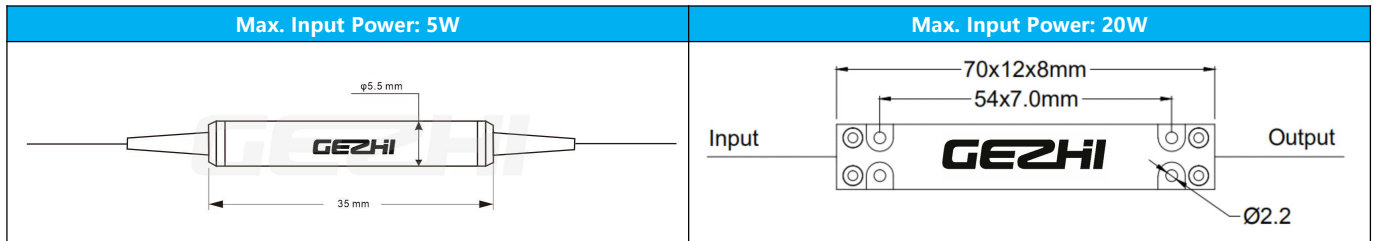
| Features | Applications |
|---|--|
| <ul style="list-style-type: none"> ● Low Insertion Loss ● High Return Loss ● High Extinction Ratio | <ul style="list-style-type: none"> ● Fiber amplifiers ● Fiber Sensor ● Test Equipment |

Specifications

| Parameters | Unit | Values | | |
|----------------------------------|------|--------------------------------|------|------|
| Center Wavelength | nm | 1030 | 1064 | 1550 |
| Mini Pass bandwidth@0.5dB) | nm | 2, 5, 8, 15 or specified | | |
| Max. Stop bandwidth@25dB down | nm | specify | | |
| Insertion Loss of Pass Band | dB | ≤0.7 | | |
| Extinction Ratio (PM Fiber Type) | dB | ≥20 | | |
| Return Loss | dB | ≥50 | | |
| Max Power Handling (CW) | W | 0.5, 1, 5, 10, 20 or specified | | |
| Max Peak Power for ns Pulse | kW | 10 or specified | | |
| Tensile Load | N | ≤5 | | |
| Operating Temperature | °C | 0~+70 | | |
| Storage Temperature | °C | -40~+85 | | |

Note: 1.Above specifications are for device without connector, If with connector, IL will be 0.3dB higher, return loss will be reduce 5dB and Extinction Ratio will reduce 2dB.

Dimensions



Ordering Information

PMBPF-XXXX-XX-X-XXXX-XX-XX-XX-XX-XX (PM Fiber Type)
BPF-XXXX-XX-XX-XX-XX-XX-XX-XX (SM Fiber Type)

| | |
|-------------------------|---|
| ①Wavelength: | 1030=1030nm; 1064=1064nm; 1550=1550nm; S=Specify |
| ②Pass Bandwidth @0.5dB: | 02=2nm; 05=5nm; 10=10nm; 15=15nm; S=Specify |
| ③Working Axis: | B=Both axis working; F=Slow Axis working, Fast axis blocked; N=Non-PM |
| ④Fiber Type : | PM980=PM980; PM1064=PM1064; PM1550; SM=SMF-28E; S=Specify |
| ⑤Power Handling: | 0L=0.5W; 01=1W; 02=2W; 10=10W; 20=20W; S=Specify |
| ⑥Package Dimensions: | S1=5.5x35mm; L1=70x12x8mm; S=Specify |
| ⑦Pigtail Type: | 00=bare fiber; 09=900um loose tube |
| ⑧Fiber Length: | 08=0.8m; 10=1m; S=Specify |
| ⑨Connector Type: | FA=FC/APC; FP=FC/UPC; SA=SC/APC; SP=SC/UPC; S=Specify |
| ⑩Peak Power: | 00=Continuous Wave; 10=10kW; 20=20kW |