

## Band Pass Filter - 1030nm, 5nm - ( 1030nm BPF )

### Features

Low Insertion Loss  
Wide Stop Band  
High Isolation  
High Stability and Reliability

### Applications

Fiber Laser  
Fiber Amplifier  
Testing Equipment  
Medical Cosmetology



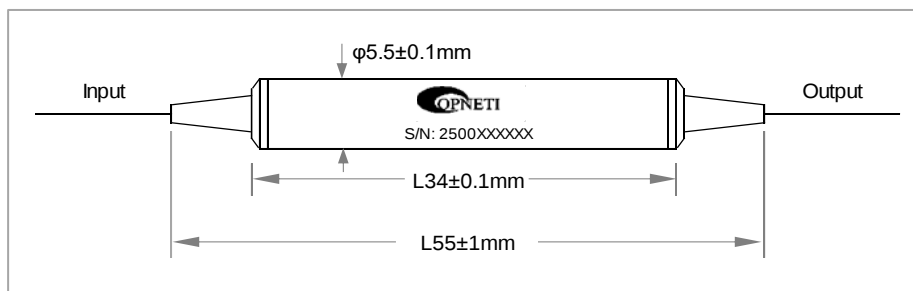
### Specifications

| Parameters                       | Unit | Values                        |
|----------------------------------|------|-------------------------------|
| Operation Wavelength Range       | nm   | 1000~1100                     |
| Center Wavelength                | nm   | 1030                          |
| Passband Width (at 1dB)          | nm   | 5                             |
| 1dB Pass Wavelength Range        | nm   | 1027.08~1032.31               |
| 3dB Pass Wavelength Range        | nm   | 1026.05~1032.84               |
| Pass Wavelength Range tolerance  | nm   | 5±0.5                         |
| Stop Wavelength Range            | nm   | 1000~1024.91 and 1034.14~1100 |
| Pass Insertion Loss              | dB   | ≤0.9                          |
| Stop Band Isolation              | dB   | ≥25                           |
| PDL                              | dB   | ≤0.2                          |
| Extinction Ratio (for PMF) (PER) | dB   | ≥20                           |
| Return Loss (RL)                 | dB   | ≥50                           |
| Max Power Handling (CW)          | mW   | 500                           |
| Fiber Type                       |      | HI1060, HI1060Flex, PM980     |
| Operating Temperature            | °C   | -0 ~ +70                      |
| Storage Temperature              | °C   | -40 ~ +85                     |
| Dimensions                       | mm   | φ5.5×L34                      |

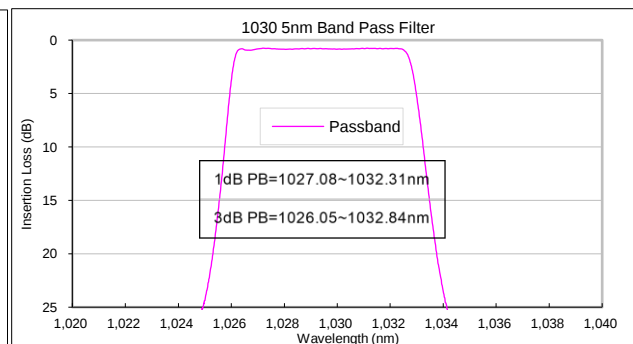
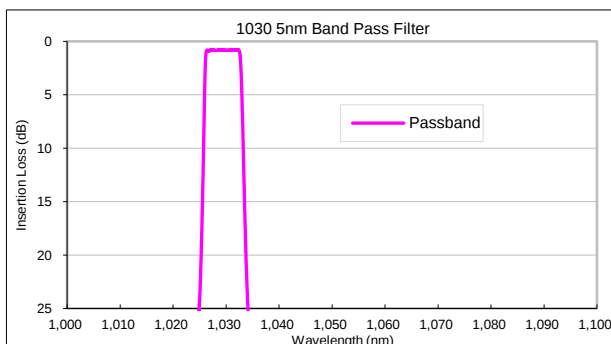
\* For devices with connectors, IL+0.3dB, RL-5dB,

\* Power handling can be higher on request.

### Package Dimensions



### Typical Spectrum



**Ordering Information****BPF-** ①①①-②②②②-③-④④④④-⑤-⑥-⑦⑦

|   |                 |                                                                            |
|---|-----------------|----------------------------------------------------------------------------|
| ① | Port Type       | 1x1; 1x2;                                                                  |
| ② | Pass Wavelength | 1030;                                                                      |
| ③ | Pass Band Width | 5=5nm;                                                                     |
| ④ | Pigtail Type    | 250=250μm Fiber; 900=900μm Loose Tube;                                     |
| ⑤ | Fiber Type      | 4=HI1060; 8=HI1060Flex; P98=PM980;                                         |
| ⑥ | Fiber Length    | 1=1m;                                                                      |
| ⑦ | Connector       | NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC; LC=LC/UPC; XX=Others; |