

## 1030nm PM Bandpass Filter

### Features

- Low Insertion Loss
- High Return Loss
- High Extinction Ratio
- High Reliability & Stability

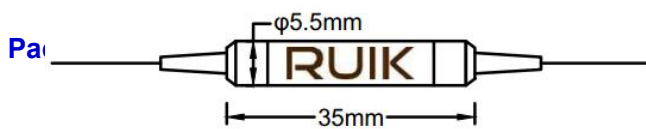
### Applications

- Fiber Laser
- Test Instrument
- Fiber Sensor
- EDFA

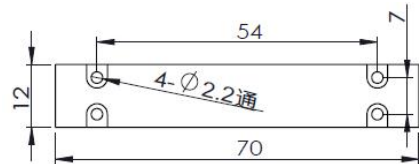
### Specifications

| Parameter                                  | Unit | Value     |     |     |
|--|------|-----------|-----|-----|
| Operating Wavelength                       | nm   | 1030      |     |     |
| Min. Extinction Ratio at 23°C, only for PM | dB   | 20        |     |     |
| Min. Return loss                           | dB   | 50        |     |     |
| Max. Power Handling (CW)                   | dB   | 300       |     |     |
| Max. Tensile Load                          | N    | 5         |     |     |
| Operating Temperature                      | °C   | 0 ~ +65   |     |     |
| Storage Temperature                        | °C   | -40 ~ +85 |     |     |
| Pass Band Width                            | nm   | 2         | 9   | 25  |
| Max. Insertion Loss of Pass band           | dB   | 0.8       | 0.8 | 0.8 |
| Max. Stop Bandwidth (@-25dB)               | nm   | 6         | 20  | 20  |

For device with connector, IL is 0.3dB higher, RL is 5dB lower, ER is 2dB lower.  
The default connector key is aligned to slow axis.



Max. Input Power:10W



Max.Input Power:20W

### Ordering Information

PMBPF-1111-223-444-567-88-99AA

|      |                     |   |
|------|---------------------|---|
| 1030 | -Center Wavelength: | 1030=1030nm   |
| 22   | -Band Width:        | 02=2nm, 05=5nm, 10=10nm, 15=15nm                            |
| 3    | -Alignment Type:    | F=Slow axis working, Fast axis blocked, B=Both axis working |
| 444  | -Fiber Type:        | 001=PM1550, 002=PM1310, 003=PM980, 004=Hi1060, 008=SMF-28E  |
| 5    | -Package Dimension: | 0=φ5.5x35mm, 1=70x12x8, S=Specified                         |
| 6    | -Pigtail Type:      | 0=250μm bare fiber, 1=900μm loose tube                      |
| 7    | -Fiber Length:      | 0=0.8m, 1=1m  |
| 88   | -Connector Type:    | 0=FC/UPC, 1=FC/APC, 2=SC/UPC, 3=SC/APC, 4=LC/UPC, 5=LC/APC  |
| 99   | -Average Power:     | 00=500mW, 01=1W,....., 30=30W                               |
| AA   | -Peak Power:        | 10=10kW, 20=20kW  |