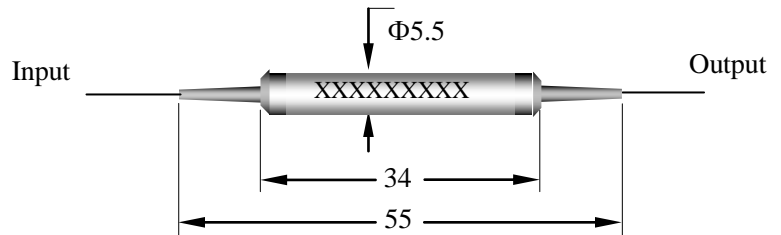


High Power Band Pass Filter 1064nm (1~10W) (HPBPF-1064)

1. Features:

- Low insertion loss
- High power handing
- High Return Loss
- Excellent environmental stability and reliability



2. Applications:

- Fiber Laser
- Fiber Sensor
- Communication System
- Test Instrumentations
- Polarization maintaining optical system



3. Compliance:

- Telcordia GR-1209-CORE
- Telcordia GR-1221-CORE
- RoHS

4. Specifications:

| Parameter | Type | Units | Values |
|--------------------------------------|------|-------|-------------------------------------|
| Center Wavelength | | nm | 1064 |
| Insertion Loss over CWL ± 2.5 nm | | dB | ≤ 0.8 |
| Pass Bandwidth at 0.5dB | | nm | ≥ 5 |
| Stop Bandwidth at 25dB | | nm | ≤ 22 |
| Isolation@23°C | | dB | ≥ 30 |
| Return Loss | | dB | ≥ 50 |
| Extinction Rate | | dB | ≥ 20 (Only for PM fiber) |
| Polarization Dependent Loss | | dB | ≤ 0.10 (Only for HI1060 fiber) |
| Thermal Stability | | dB/°C | ≤ 0.005 |
| Power Handling (Continuous) | | W | 1, 3, 5, 10 or specify |
| Fiber Type | | / | HI1060 or SM98-PS-U25A |
| Tensile Load | | N | ≤ 5 |
| Operating Temperature Range | | °C | -5 to 70 |
| Storage Temperature Range | | °C | -40 to 85 |

*The specifications are w/o connector.

* For devices with connectors, 0.3dB higher for IL, 5dB lower for RL and 2dB lower for ER.

* For device with connector, key aligned to slow axis.

5. Product Ordering information:

| HPBPF | XX | X | X | X | X | X | XX | XX |
|---------------------|----------------------|----------------|--------------|------------|----------------------|-----------------------|--------------|--------------|
| Product Description | Operating Wavelength | Power Handling | Pigtail Type | Fiber Type | Input Connector Type | Output Connector Type | Package Size | Fiber Length |
| H=High | 06=1064nm | 1=1W | 0=250um | 0=SMF-28e | 0=None | 0=None | 34=Φ5.5×L34 | 05=0.5m |
| P=Power | | 3=3W | 1=900um | 1=HI1060 | 1=FC/UFC | 1=FC/UFC | 35=Φ5.5×L35 | 08=0.8m |
| BPF | | | 2=2mm | 4=other | 2=FC/APC | 2=FC/APC | 38=Φ5.5×L38 | 10=1.0m |
| | | | 3=3mm | | 3=SC/UPC | 3=SC/UPC | | 12=1.2m |
| | | | | | 4=SC/APC | 4=SC/APC | | |
| | | | | | 5=LC/UPC | 5=LC/UPC | | |
| | | | | | 6=LC/APC | 6=LC/APC | | |

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