

Features

- All Fiber Construction
- High Reliability
- Outstanding Optical Performance
- Cost Effective
- High Power Handling Capability

Applications

- Fiber Optical Test Equipment
- Fiber Sensor
- Fiber Lasers
- Optical Fiber Amplifier
- R&D
- Radar

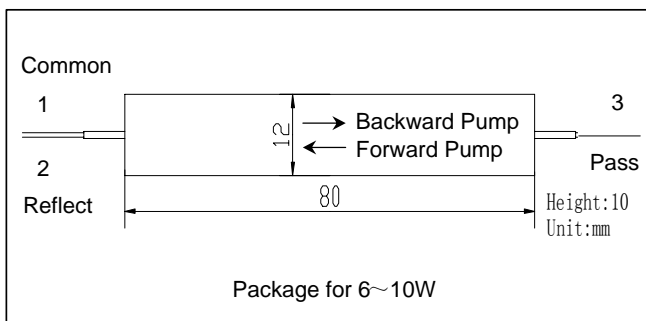
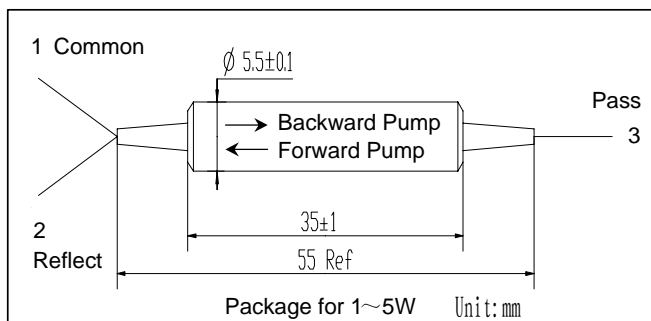
Specifications

| Parameters | | Unit | Values | |
|-------------------------|---|-----------------------------------|--------------|------------|
| Stage | | | Single Stage | Dual Stage |
| Pass Band | Wavelength Range | nm | 1950~2050 | |
| | Max. Insertion Loss@P→C or C→P | dB | 1.1 | 1.3 |
| | Typ. Insertion Loss@P→C or C→P | dB | 0.8 | 1.0 |
| | Min. Isolation, port 1 to port 3 (Forward Pump) or port 3 to port 1 (Backward Pump), @1950~2050nm, 23°C | dB | 18 | 32 |
| | Typ. Reflection Isolation(@1550~1590nm, 23°C) | dB | 30 | |
| | Min. Reflection Isolation(@1550~1590nm, 23°C) | dB | 25 | |
| Reflection Band | Wavelength Range | nm | 1550~1590 | |
| | Typ. Insertion Loss@C→R | dB | 0.6 | |
| | Max. Insertion Loss@C→R | dB | 0.8 | |
| | Typ. Pass Isolation(@1950~2050nm, 23°C) | dB | 15 | |
| | Min. Pass Isolation(@1950~2050nm, 23°C) | dB | 12 | |
| Max. PDL | dB | 0.15 | 0.20 | |
| Min. Return Loss | dB | 50 | | |
| Max. Optical Power (CW) | W | 1, 3, 5 or Specify | | |
| Max. Tensile Load | N | 5 | | |
| Fiber Type | | SMF-28e Fiber, SM 1950 or Specify | | |
| Operating Temperature | °C | -5 to +70 | | |
| Storage Temperature | °C | -40 to +85 | | |

*Above specifications are for device without connector.

*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower, optical power is only 1W.

Package Dimensions



Ordering Information

HPIWDM-①①①①-②-③-④-⑤⑤-⑥⑥⑥-⑦⑦⑦-⑧

①①①①: Wavelength

2057 - 2000nm Pass/1570nm Reflect

SSSS - Specify

②: Fiber Type

1 - SMF-28e Fiber (all ports)

2 - SMF-28e Fiber at Common & Reflect ports and SM 1950 Fiber at Pass port

S - Specify

③: Pump Type

F - Forward Pump

B - Backward Pump

④: Stage

S - Single Stage

D - Dual Stage

⑤⑤: Handling Power

01 - 1W

SS - Specify

⑥⑥⑥: Connector Type on Port 1, 2 & 3

1 - FC/UPC

2 - FC/APC

3 - SC/UPC

4 - SC/APC

N - None

S - Specify

⑦⑦⑦: Fiber Jacket on Port 1, 2 & 3

B - 250um Bare Fiber

L - 900um Loose Tube

S - Specify

⑧: Fiber Length

1 - 1.0m

S - Specify