

Features

- All Fiber Construction
- High Reliability
- Outstanding Optical Performance
- Cost Effective

Applications

- Fiber Optical Test Equipment
- Fiber Sensor
- Fiber Lasers
- Optical Fiber Amplifier

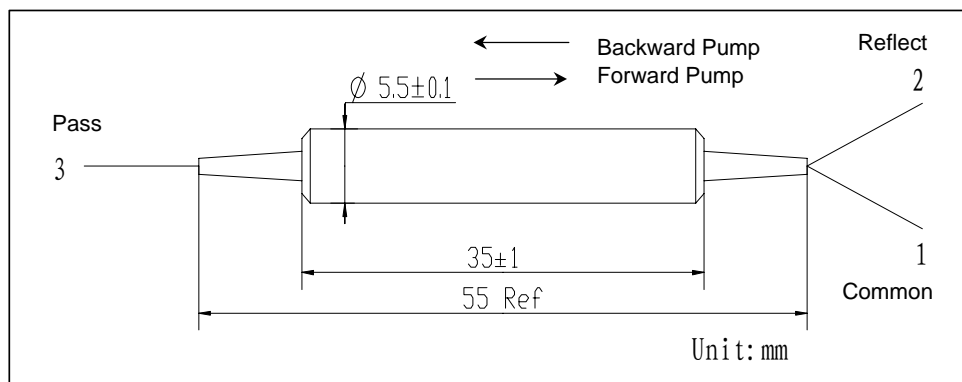
Specifications

| 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, 23C | dB | 18 | 32 |
| | Typ. Reflection Isolation(@1550~1590nm, 23C) | dB | 30 | |
| | Min. Reflection Isolation(@1550~1590nm, 23C) | dB | 25 | |
| Reflection Band | Wavelength Range | nm | 1550~1590 | |
| | Typ. Insertion Loss@C→R | dB | 0.5 | |
| | Max. Insertion Loss@C→R | dB | 0.7 | |
| | Typ. Pass Isolation(@1950~2050nm, 23C) | dB | 15 | |
| | Min. Pass Isolation(@1950~2050nm, 23C) | dB | 12 | |
| Max. PDL | dB | | 0.15 | 0.20 |
| Min. Return Loss | dB | | 50 | |
| Max. Optical Power (CW) | mW | | 500 | |
| 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 and RL will be 5dB lower.

Package Dimensions



Ordering Information

IWDM-①①①①-②-③-④-⑤⑤⑤-⑥⑥⑥-⑦

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

⑤⑤⑤: Connector Type on Port 1, 2 & 3
 1 - FC/UPC
 2 - FC/APC
 3 - SC/UPC
 4 - SC/APC
 N - None
 S - Specify

⑥⑥⑥: Fiber Jacket on Port 1, 2 & 3
 B - 250um Bare Fiber
 L - 900um Loose Tube
 S - Specify

⑦: Fiber Length
 1 - 1.0m
 S - Specify