

Features

- Low Insertion Loss
- High Isolation
- Low PDL
- Low Cost

Applications

- Optical Fiber Amplifier
- Fiber Optic Sensor
- Instrumentation
- R & D
- Fiber Lasers
- Radar

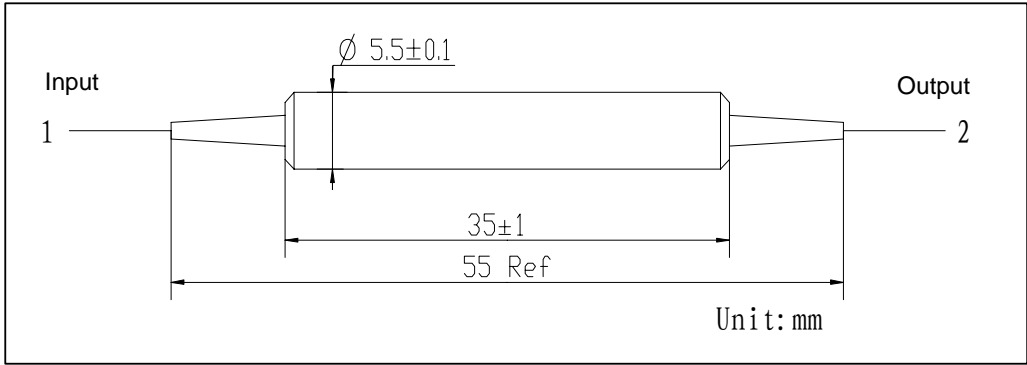
Specifications

| Parameters | Units | Values | |
|---------------------------------|-------|--------------------------------|------------|
| | | Single Stage | Dual Stage |
| Stage | | Single Stage | Dual Stage |
| Center Wavelength | nm | 2000 | |
| Operating Wavelength Range | nm | ±50 | |
| Min. Isolation at 23 °C | dB | 18 | 32 |
| Typ. Insertion Loss at 23 °C | dB | 0.8 | 1.0 |
| Max.Insertion Loss | dB | 1.1 | 1.3 |
| Max.Polarization Dependent Loss | dB | 0.15 | 0.20 |
| Min. Return Loss (Input/Output) | dB | 50 / 50 | 50 / 50 |
| Max. Optical Power (CW) | mW | 500 | |
| Max. Tensile Load | N | 5 | |
| Fiber Type | | SMF-28e Fiber or SM 1950 Fiber | |
| 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

PII-①①-②-③-④④-⑤⑤-⑥

①①: Wavelength
20 - 2000nm

②: Fiber Type on Port 1 and 2
1- SMF-28e Fiber
2 - SM 1950 Fiber

③: Stage
S - Single Stage
D - Dual Stage

④④: Connector Type on Port 1 & 2
1 - FC/UPC
2 - FC/APC
3 - SC/UPC
4 - SC/APC
N - None
S - Specify

⑤⑤: Fiber Jacket on Port 1 & 2
B - 250um Bare Fiber
L - 900um Loose Tube
C - 3mm Cable
S - Specify

⑥: Fiber Length
1 - 1.0m
S - Specify