



# 2000nm Polarization Insensitive Isolator

## Features

Low Insertion Loss  
High Power Handling  
High Isolation  
Low PDL  
Low Cost

## Applications

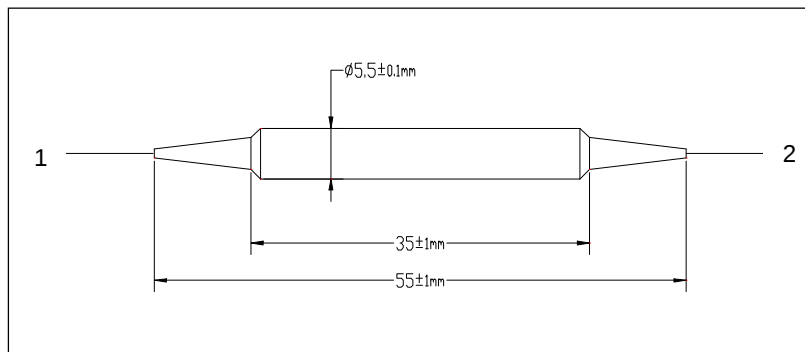
Optical Fiber Amplifier  
Fiber Optic Sensor  
Instrumentation

## Specifications

| Parameters                      | Units | Values        |            |
|---------------------------------|-------|---------------|------------|
| Grade                           |       | Grade P       |            |
| Stage                           |       | Single Stage  | Dual Stage |
| Center Wavelength               | nm    | 2000          |            |
| Operating Wavelength Range      | nm    | ±50           |            |
| Min. Isolation at 23℃           | dB    | 20            | 35         |
| Typ. Insertion Loss at 23℃      | dB    | 1.0           | 1.2        |
| Max.Insertion Loss              | dB    | 1.2           | 1.5        |
| Max.Polarization Dependent Loss | dB    | 0.15          | 0.20       |
| Min. Return Loss (Input/Output) | dB    | 50 / 50       | 50 / 50    |
| Max.PMD                         | ps    | 0.20          | 0.05       |
| Max. Optical Power (CW)         | mW    | 300           |            |
| Max. Tensile Load               | N     | 5             |            |
| Fiber Type                      |       | SMF-28e Fiber |            |
| Operating Temperature           | ℃     | -5 to +70     |            |
| Storage Temperature             | ℃     | -40 to +85    |            |

\*For devices with connectors, IL will be 0.3dB higher and RL will be 5dB lower.

## Package Dimensions



## Ordering Information

P11-①①-②-③-④-⑤⑤-⑥⑥-⑦

①①: Wavelength  
20 - 2000nm

②: Grade  
P - Premium Grade

③: Stage  
S - Single Stage  
D - Dual Stage

④: PMD  
1 - 0.05ps Max.  
2 - Refer to above Spec.

⑤⑤: Connector Type on Port 1 & 2  
1 - FC/UPC  
2 - FC/APC  
3 - SC/UPC  
4 - SC/APC  
N - None  
S - Specify

⑥⑥: Fiber Jacket on Port 1 & 2  
B - 250um Bare Fiber  
L - 900um Loose Tube  
C - 3mm Cable  
S - Specify

⑦: Fiber Length  
1 - 1.0m  
S - Specify