

### Features

Low Insertion Loss  
 High Isolation  
 Low PDL  
 Low Cost

### Applications

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

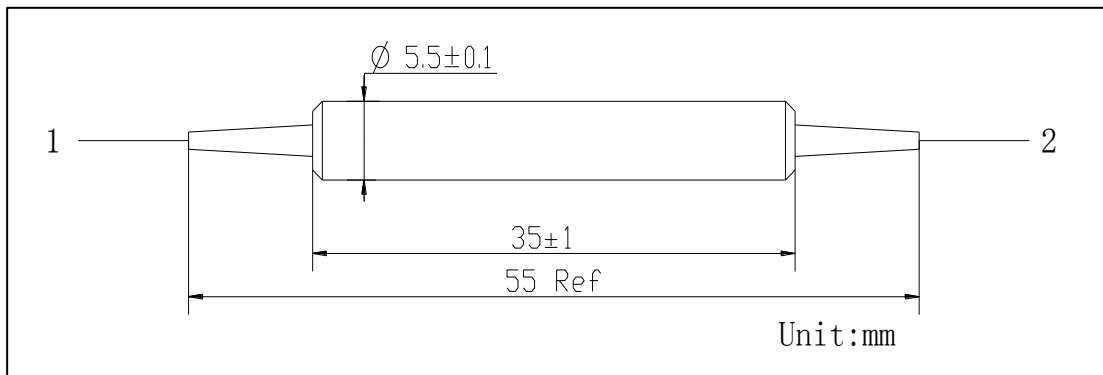
### Specifications

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

**APII-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