

### 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

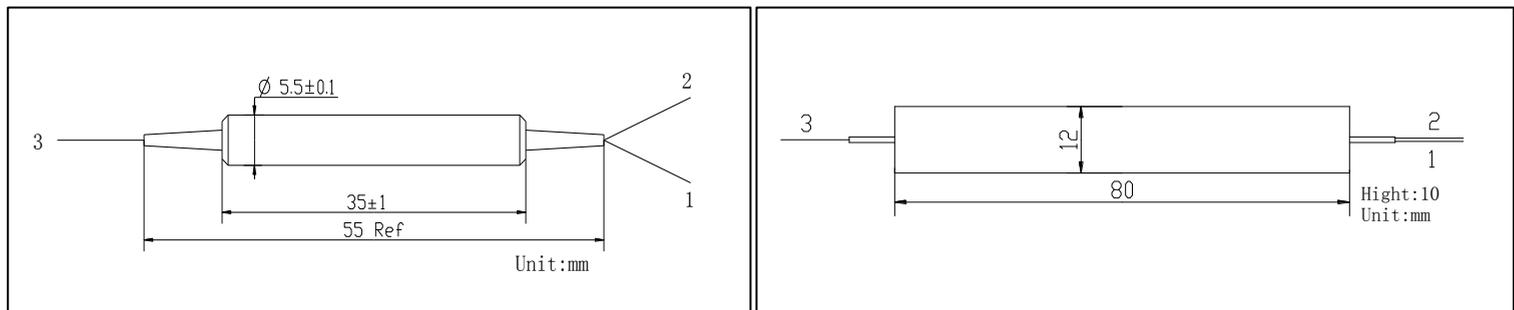
### Specifications

Parameters	Unit	Values	
Pass Band	Wavelength Range	nm	1950~2050
	Max. Insertion Loss	dB	0.9
	Typ. Insertion Loss	dB	0.7
	Min. Isolation	dB	25
	Typ. Isolation	dB	30
Reflection Band	Wavelength Range	nm	1550~1590
	Max. Insertion Loss	dB	0.7
	Typ. Insertion Loss	dB	0.5
	Min. Isolation	dB	12
	Typ. Isolation	dB	15
Min. Return Loss	dB	50	
Min. Directivity(over 1550~1590nm)	dB	55	
Max. PDL	dB	0.1	
Typ. PDL	dB	0.05	
Thermal Stability	dB/°C	≤0.005	
Max. Optical Power (CW)	W	1, 3, 5 or Specify	
Max. Tensile Load	N	5	
Fiber Type	°C	SMF-28e Fiber, SM 1950 Fiber or Specify	
Operating Temperature		-5 to +70	
Storage Temperature		-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

**AHPFWDM-①①①①-②-③③-④④④-⑤⑤⑤-⑥**

①①①①: Wavelength

2057 - 2000nm Pass / 1570nm Reflect

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

③③: Handling Power

01 - 1W

SS - Specify

④④④: Connector Type on Port 1, 2 & 3

1 - FC/UPC

2 - FC/APC

3 - SC/UPC

4 - SC/APC

N - None

S - Specify

⑤⑤⑤: Fiber Jacket on Port 1, 2 & 3

B - 250um Bare Fiber

L - 900um Loose Tube

S - Specify

⑥: Fiber Length

0.8 - 0.8m

S - Specify