

### Features

Low Insertion Loss  
 Low Polarization Dependence  
 High Isolation  
 Excellent Environmental Stability  
 High Power Handling Capability

### Applications

EDFAs  
 Raman Amplifier  
 WDM Networks  
 Fiber Optics Instrumentation

### Specifications

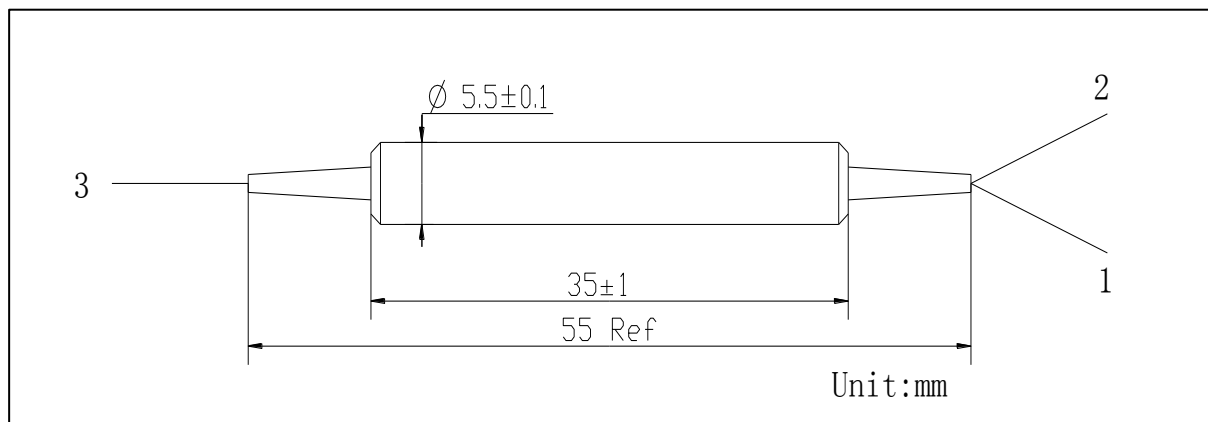
Parameters		Unit	Values			
Pass Band	Wavelength Range	nm	1270-1350 (1530-1600)	1450-1490 (1530-1580)	1500-1520 (1530-1570)	950-1010 (1500-1600)
	Typ. Insertion Loss	dB	0.6	0.6	0.7	0.7
	Max. Insertion Loss	dB	0.8	0.8	0.9	0.9
	Typ. Isolation	dB	35	30	35	35
	Min. Isolation at 23°C	dB	30	25	30	30
Reflection Band	Wavelength Range	nm	1530-1600 (1270-1350)	1530-1580 (1450-1490)	1530-1570 (1500-1520)	1500-1600 (950-1010)
	Typ. Insertion Loss	dB	0.5			
	Max. Insertion Loss	dB	0.7			
	Typ. Isolation	dB	15			
	Min. Isolation at 23°C	dB	12			
Min. Optical Return Loss	dB	50				
Max. PDL	dB	0.1				
Typ. PDL	dB	0.05				
Thermal Stability	dB/°C	≤0.005				
Max. Optical Power (CW)	W	1, 2, 3 or Specify				
Max. Tensile Load	N	5				
Fiber Type		SMF-28e Fiber			HI 1060 Fiber for Pump Channel (Two Ports)	
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 and optical power is only 1000mW.

\*SMF-28e Fiber is used for 1550nm interface and HI 1060 Fiber is used for 980nm channel.

### Package Dimensions



### Ordering Information

AHPFWDM-①①①①-②②-③③③-④④④-⑤

①①①①: Wavelength

3155 - 1310nm Pass / 1550nm Reflect  
 5531 - 1550nm Pass / 1310nm Reflect  
 4855 - 1480nm Pass / 1550nm Reflect  
 5548 - 1550nm Pass / 1480nm Reflect  
 5155 - 1510nm Pass / 1550nm Reflect  
 5551 - 1550nm Pass / 1510nm Reflect  
 9855 - 980nm Pass / 1550nm Reflect  
 5598 - 1550nm Pass / 980nm Reflect

②②: Handling Power

01 - 01W  
 SS - Specify

③③③: Connector Type on Port 1, 2 & 3

1 - FC/UPC  
 2 - FC/APC  
 3 - SC/UPC  
 4 - SC/APC

④④④: Fiber Jacket on Port 1, 2 & 3

B - 250um Bare Fiber  
 L - 900um Loose Tube  
 S - Specify

⑤: Fiber Length

1 - 1.0m  
 S - Specify