

## Features

Optical Path Epoxy-free Design  
 High Performance  
 High Reliability  
 Low Cost  
 Special Process & Design

## Applications

EDFAs  
 Raman Amplifiers  
 DWDM Systems  
 Fiber Lasers  
 Lab Research

## Specifications

Parameters	Unit	Values	
		Single Stage	Dual Stage
Center Wavelength	nm	1310, 1480 or 1550	
Operating Wavelength Range	nm	±20	
Typ. Peak Isolation	dB	42	58
Min. Isolation at 23°C	dB	28	48
Typ. Insertion Loss at 23°C	dB	0.35	0.4
Max. Insertion Loss at -5°C-70°C	dB	0.5	0.55
Min. Return Loss (Input/Output)	dB	60 / 55	60 / 55
Max.PDL at 23°C	dB	0.05	0.05
Max.PMD	ps	0.2 <sup>1</sup>	0.05
Max. Optical Power (CW)	W	1, 3, 5, 10 or Specify	
Max. Tensile Load	N	5	
Fiber Type		SMF-28e Fiber	
Operating Temperature	°C	-5 to +70	
Storage Temperature	°C	-40 to +85	

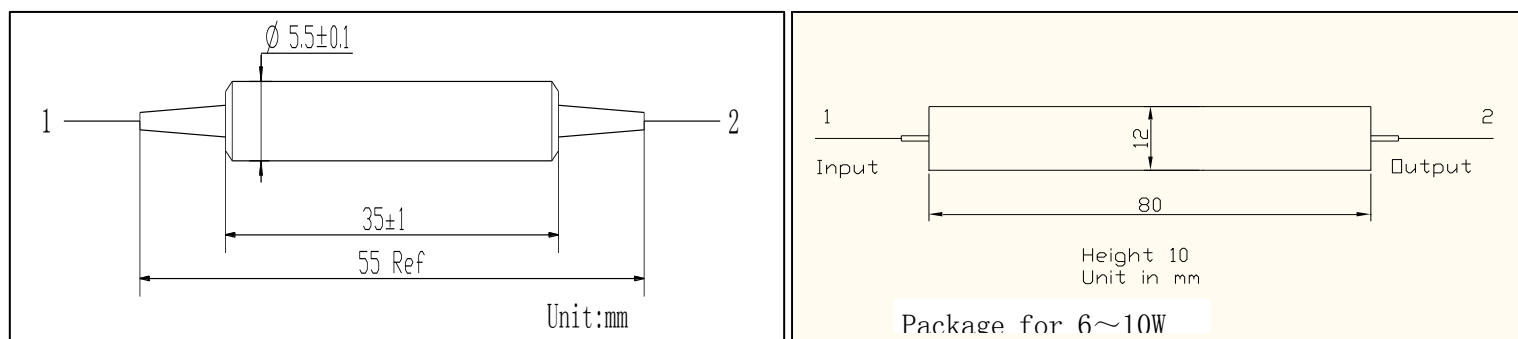
\* PMD<0.05ps is available. Please refer to below ordering information.

\* 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 1W.

\* For pulse application please discuss with Aistana.

## Package Dimensions



## Ordering Information

AHP11-①①-②-③-④-⑤⑤-⑥⑥-⑦

①①: Wavelength

31 - 1310nm

48 - 1480nm

55 - 1550nm

SS - Specify

②: Stage

S - Single Stage

D - Dual Stage

③: Power Level

1 - 1W

3 - 3W

5 - 5W

10 - 10W

S - Specify

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