

Features

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

Applications

- Optical Fiber Amplifier
- Fiber Optic Sensor
- Instrumentation

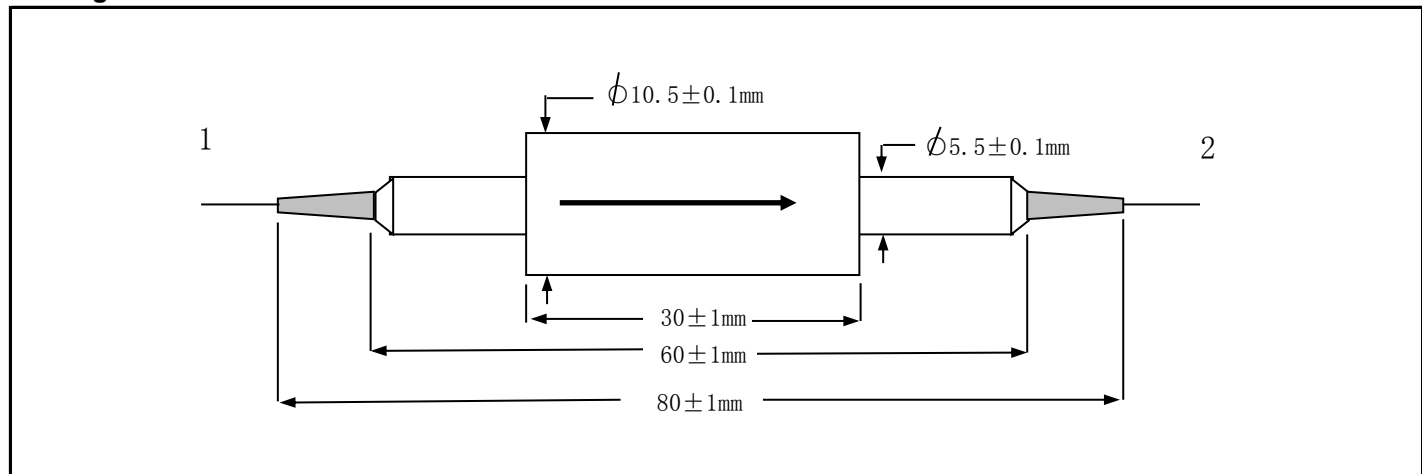
Specifications

Parameters	Unit	Values	
		Single Stage	Dual Stage
Stage			
Grade		Grade P	
Center Wavelength	nm	1064	
Operating Wavelength Range	nm	±5	
Typ. Peak Isolation	dB	40	55
Min. Isolation at 23°C	dB	35	45
Typ. Insertion Loss at 23°C	dB	1.5	2.4
Max. Insertion Loss at -5°C to 50°C	dB	1.7	3.2
Max. Insertion Loss at 500mW	dB	1.8	3.5
Min. Return Loss (Input/Output)	dB	55/50	55/50
Max. PDL at 23°C	dB	0.15	0.15
Max. Optical Power (CW)	mW	500	
Max. Tensile Load	N	5	
Fiber Type		HI 1060 Fiber	
Operating Temperature	°C	-5 to +50	
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

AHP11-①①-②-③-④-⑤⑤-⑥⑥-⑦

①①: Wavelength
06 - 1064nm

②: Type
A 1- Type A1

③: Grade
P - Premium Grade

④: Stage
S - Single Stage
D - Dual Stage

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 Loose Cable
S - Specify

⑦: Fiber Length
1 - 1.0m
S - Specify