

Features

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

Applications

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

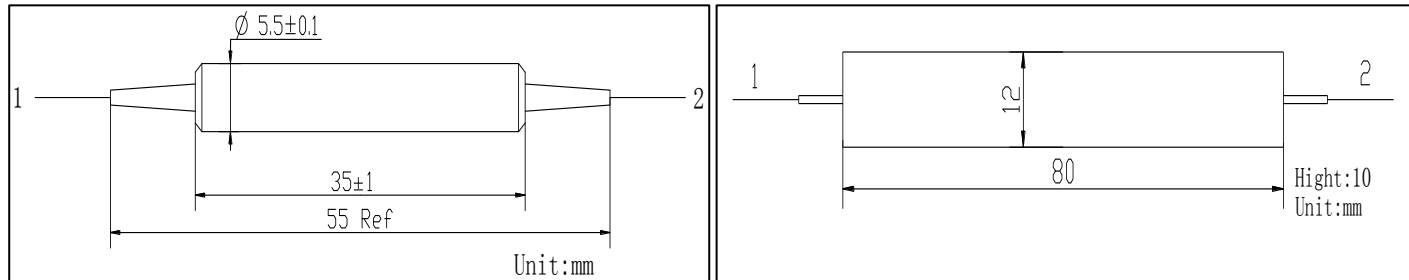
Specifications

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	1.2	1.4
Max.Polarization Dependent Loss	dB	0.15	0.20
Min. Return Loss (Input/Output)	dB	50 / 50	50 / 50
Max. Optical Power (CW)	W	1, 3, 5 or Specify	
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, RL will be 5dB lower, optical power is only 1W.

Package Dimensions



Ordering Information

AHP11-①①-②-③-④④-⑤⑤-⑥⑥-⑦

①①: Wavelength
 20 - 2000nm

②: Fiber Type
 1- SMF-28e Fiber
 2 - SM 1950 Fiber

③: Stage
 S - Single Stage
 D - Dual Stage

④④: Handling Power
 01 - 1W
 SS - Specify

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
 S - Specify

⑦: Fiber Length
 0.8 - 0.8m
 S - Specify