

Features

- Pump / Signal Multiplexing
- Low Insertion Loss
- Low Cost
- High Reliability
- High Power Handling Capability

Applications

- EDFAs
- Fiber Lasers
- Fiber Optical Test Equipment
- R&D

Specifications

Parameters	Unit	Values	
		Single Stage	Dual Stage
Stage			
Pass Band	Signal Wavelength Range	nm	1530~1565
	Max. Insertion Loss	dB	0.9
	Typ. Insertion Loss	dB	0.7
	Typ. Peak Signal Isolation	dB	40
	Min. Signal Isolation at 23°C	dB	28
	Max. PDL	dB	0.1
	Max. PMD	ps	0.25
Reflect Band	Wavelength Range	nm	960~990 or 1460-1490
	Max. Insertion Loss@R→C	dB	0.7 (for 1480nm pump); 0.8 (for 980nm pump)
	Typ. Insertion Loss@R→C	dB	0.5 (for 1480nm pump); 0.6 (for 980nm pump)
	Max. PDL	dB	0.1
Min. Return Loss	dB		50
Max. IL Thermal Stability	dB/°C		0.005
Max. Optical Power (CW)	W		1, 3, 5 or Specify
Max. Tensile Load	N		5
Fiber Type		SMF-28e fiber on Common & Pass ports, HI 1060(for 980nm Pump) or SMF-28e fiber(for 1480nm Pump) on Reflect port.	
Operating Temperature	°C		-5 to +70
Storage Temperature	°C		-40 to +85

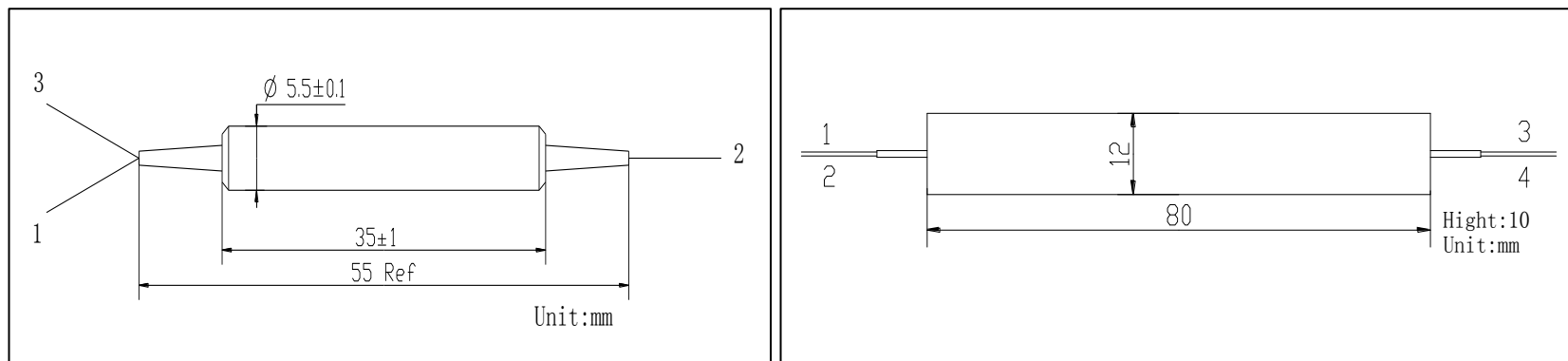
*PMD<0.1ps is available. Please refer to below ordering information.

*Above specification are for device without connector.

*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower, optical power is only 1000mW.

*For pulse application please discuss with Aistana.

Package Dimensions



Ordering Information

AHPIWDM-①①①①-②-③-④-⑤⑤-⑥⑥⑥-⑦⑦⑦-⑧

①①①①: Signal & Pump Wavelength
 5598 - 1550nm signal/980nm pump
 5548 - 1550nm Signal/1480nm pump

②: Pump Type
 F - Forward Pump
 B - Backward Pump

③: Stage
 S - Single Stage
 D - Dual Stage

④: PMD
 1 - 0.1ps max.
 2 - Refer to above Spec.

⑤⑤: Handling Power
 01 - 1W
 03 - 3W
 05 - 5W
 SS - Specify

⑥⑥⑥: Connector Type
 1 - FC/UPC
 2 - FC/APC
 3 - SC/UPC
 4 - SC/APC
 S - Specify
 N - None

⑦⑦⑦: Fiber Jacket
 B - 250um Bare Fiber
 L - 900um Loose Tube
 S - Specify

⑧: Fiber Length
 0.8 - 0.8m
 S - Specify