

Features

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

Applications

- EDFAs
- Fiber Lasers
- Fiber Optical Test Equipment

Specifications

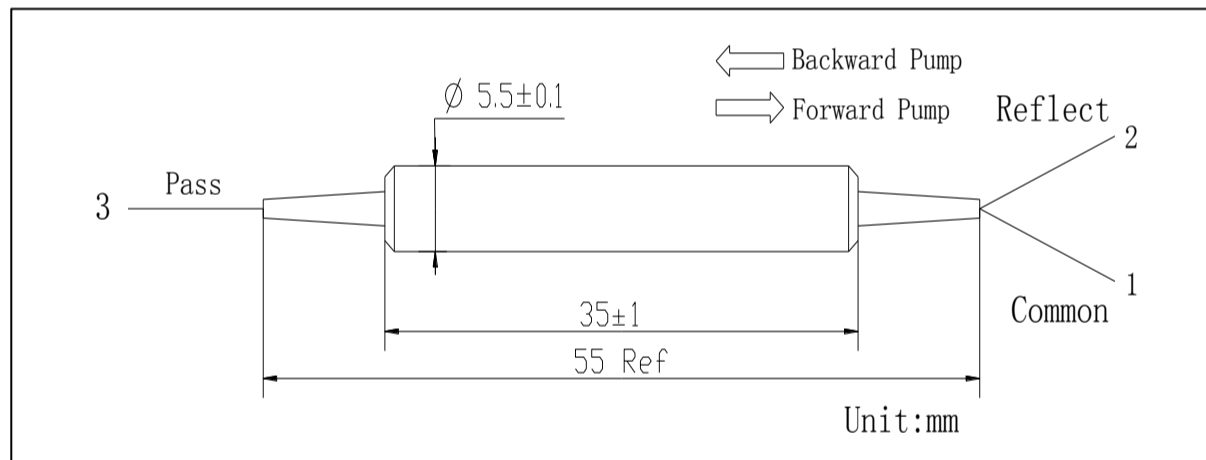
Parameters	Unit	Values	
Stage		Single Stage	Dual Stage
Signal Wavelength Range	nm	1530~1565	
Max. Insertion Loss@P→C or C→P	dB	0.9	1.0
Typ. Insertion Loss@P→C or C→P	dB	0.7	0.8
Typ. Peak Signal Isolation, at room temperature	dB	40	55
Min. Signal Isolation, at room temperature	dB	30	48
Min. Extinction Ratio (only for F-Type)	dB	23	
Min. Extinction Ratio (only for B-Type)	dB	20	
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)	
Min. Return Loss	dB	50	
Max. IL Thermal Stability	dB/°C	0.005	
Max. Optical Power (CW)	W	0.5, 1, 1.5 or Specify	
Max. Tensile Load	N	5	
Fiber Type		PM 1550nm panda 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	

*Above specification are for device without connector

*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower , ER will be 2dB lower and optical power is only 1000mW.

*The signal path is aligned to slow axis.

Package Dimensions



Ordering Information

AHPMIWDM-①①①①-②-③-④-⑤⑤-⑥⑥⑥-⑦⑦⑦-⑧

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

⑤⑤: Handling Power
 0.5 - 0.5W
 01 - 1W
 SS - Specify

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

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

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

⑧: Fiber Length
 0.8 - 0.8m
 S - Specify

③: Stage
 S - Single Stage
 D - Dual Stage

④: Axis Alignment
 F - Fast Axis Blocked
 B - Both Axis Working