

Features

All Fiber Construction
 High Reliability
 Outstanding Optical Performance
 Cost Effective

Applications

Fiber Optical Test Equipment
 Fiber Sensor
 Fiber Lasers
 Optical Fiber Amplifier

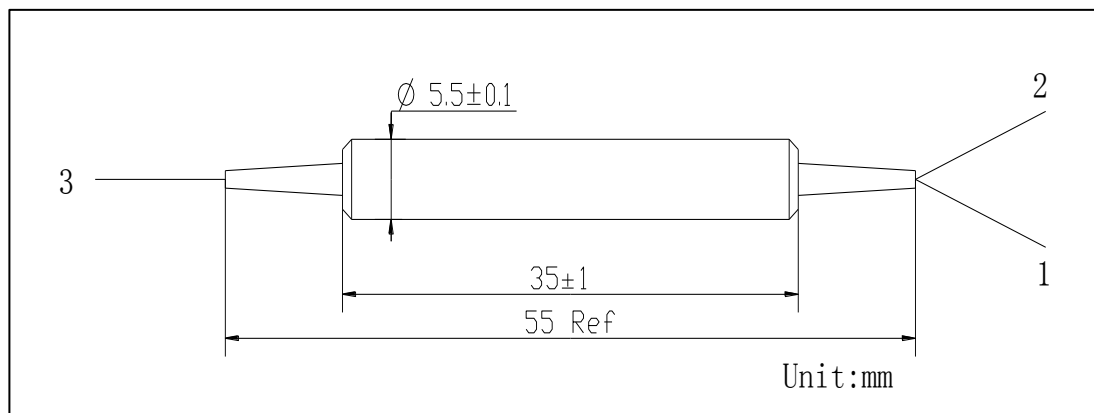
Specifications

Parameters		Unit	Values	
Stage			Single Stage	Dual Stage
Pass Band	Wavelength Range	nm	2000±50	
	Max. Insertion Loss@P→C or C→P	dB	1.1	1.3
	Typ. Insertion Loss@P→C or C→P	dB	0.8	1.0
	Min. Isolation, port 1 to port 3 (Forward Pump) or port 3 to port 1 (Backward Pump), @2000±50 nm, 23°C	dB	18	32
	Typ. Reflection Isolation(@1550~1650nm, 23°C)	dB	30	
	Min. Reflection Isolation(@1550~1650nm, 23°C)	dB	25	
Reflection Band	Wavelength Range	nm	1550~1650	
	Typ. Insertion Loss@C→R	dB	0.5	
	Max. Insertion Loss@C→R	dB	0.7	
	Typ. Pass Isolation(@2000±50 nm, 23°C)	dB	15	
	Min. Pass Isolation(@2000±50nm, 23°C)	dB	12	
Max. PDL	dB	0.15	0.20	
Min. Return Loss	dB	50		
Max. Optical Power (CW)	mW	500		
Max. Tensile Load	N	5		
Fiber Type		SMF-28e 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 and RL will be 5dB lower.

Package Dimensions



Ordering Information

AIWDM-①①①①-②-③-④④④-⑤⑤⑤-⑥

①①①①: Wavelength

2057 - 2000nm Pass/1570nm Reflect

②: Pump Type

F - Forward Pump

B - Backward Pump

③: Stage

S - Single Stage

D - Dual Stage

④④④: Connector Type on Port 1, 2 & 3

1 - FC/UPC

2 - FC/APC

3 - SC/UPC

4 - SC/APC

N - None

S - Specify

⑤⑤⑤: Fiber Jacket on Port 1, 2 & 3

B - 250um Bare Fiber

L - 900um Loose Tube

S - Specify

⑥: Fiber Length

1 - 1.0m

S - Specify