

Features

High Extinction Ratio
 Low Insertion Loss
 High Return Loss
 High Reliability

Applications

Communication Systems
 Test Instrumentations
 Fiber Sensors
 Research

Specifications

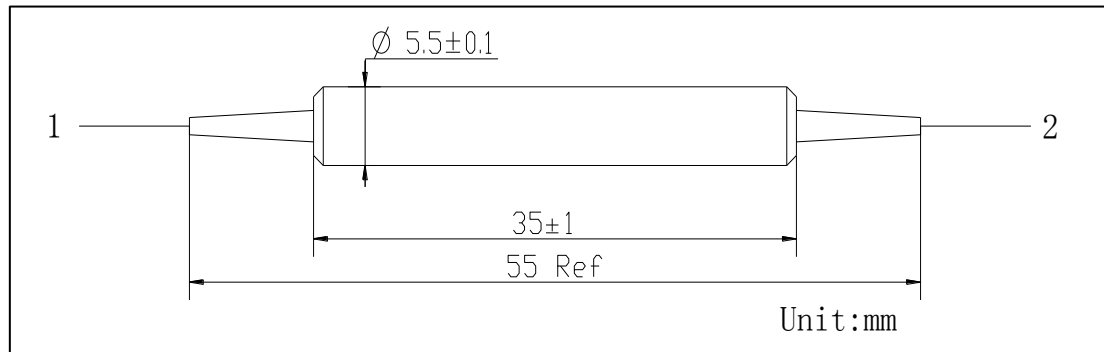
Parameters	Unit	Values	
Center Wavelength	nm	2000	
Operating Wavelength Range	nm	±50	
Typ. Insertion Loss at 23°C	dB	0.6	0.8
Max. Insertion Loss at 23°C	dB	0.8	1.0
Min. Return Loss	dB	50	
Typ. Extinction ratio at 23°C	dB	28	
Min. Extinction ratio at 23°C	dB	25	
Min.PDL(Only for SMF on all ports)@23°C	dB	22	
Max. Optical Power (CW)	mW	300 (Based on proper polarization alignment)	
Max. Tensile Load	N	5	
Fiber Type		SMF-28e Fiber or PM 1550 Fiber	SM 1950 Fiber or PM 1950 Fiber
Operating Temperature	°C	-5 to +70	
Storage Temperature	°C	-40 to +85	

*Above specifications are for devices without connectors.

*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower and ER will be 2dB lower.

*The PM fiber and the connector key are aligned to the slow axis.

Package Dimensions



Ordering information

AILP-①①-②②-③③-④④-⑤

①①: Wavelength

20 - 2000nm

SS - Specify

②②: Fiber Type on Port 1 & 2

1 - SMF-28e Fiber

2 - SM 1950 Fiber

3 - PM 1550 Fiber

4 - PM 1950 Fiber

S - Specify

③③: Connector Type on Port 1 & 2

1 - FC/UPC

2 - FC/APC

3 - SC/UPC

4 - SC/APC

N - None

S - Specify

④④: Fiber Jacket on Port 1 & 2

B - 250um Bare Fiber

L - 900um Loose Tube

S - Specify

⑤: Fibre Length

0.8 - 0.8m

S - Specify