

# 1064nm Isolator Polarization Beam Combiner/Splitter

## Features

Extremely Low Insertion Loss  
High Extinction Ratio  
High Return Loss

## Applications

Raman Amplifier  
Fiber Laser

## Specifications

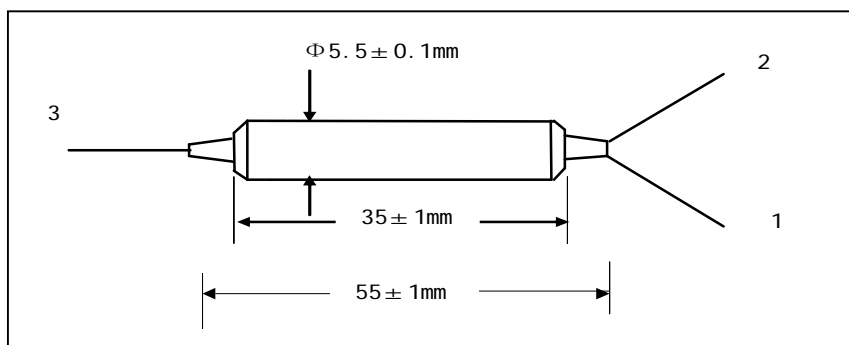
Parameter	Unit	Values
Stage		Single stage
Center Wavelength	nm	1064
Operating Wavelength Range	nm	$\pm 5$
Min. Isolation at 23°C	dB	25
Typ. Isolation	dB	35
Typ. Insertion Loss	dB	1.8
Max. Insertion Loss	dB	2.1
Min. Return Loss	dB	50
Min. Directivity	dB	50
Min. Extinction Ratio (for Splitter only)	dB	20
Max. Optical Power (CW)	mW	300
Max. Tensile Load	N	5
Fiber Type		PM 980 Panda Fiber on port 1 and 2
Operating Temperature	°C	-5 to + 50
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, and ER will be 2dB lower.

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

## Package Dimensions



## Ordering Information

IPBC-①①-②②②-③③③-④-⑤

IPBS-①①-②②②-③③③-④-⑤

①①: Wavelength

06 - 1064nm

SS - Specify

③③③: Fiber Jacket on Port 1, 2 & 3

B - 250um Bare Fiber

L - 900um Loose Tube

S - Specify

⑤: Fiber Length

0.8 - 0.8m

S - Specify

②②②: Connector Type on Port 1, 2 & 3

1 - FC/UPC

2 - FC/APC

3 - SC/UPC

4 - SC/APC

N - None

S - Specify

④: Fiber Type on Port 3

1 - HI 1060 Fiber

2 - Slow Axis align 45° to Port 1

3 - Slow Axis align to Port 1

S - Specify