

# 1064nm Polarization Beam Combiner/Splitter

## Features

High Extinction Ratio  
Low Insertion Loss  
High Return Loss

## Applications

Fiber Lasers  
Raman Amplifier  
Sensors

## Specifications

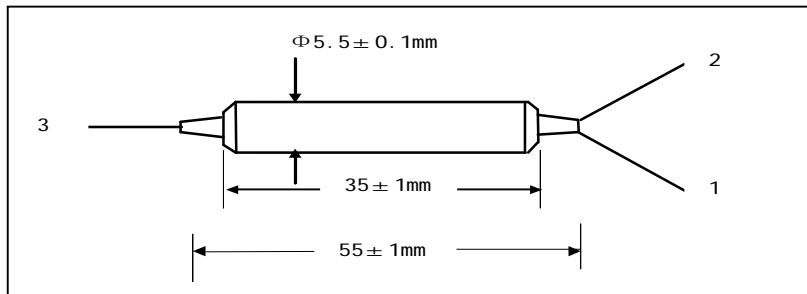
Parameter	Unit	Values	
Grade		Grade P	Grade A
Center Wavelength	nm	1064	
Operating Wavelength Range	nm	±20	
Typ. Insertion Loss	dB	0.6	0.7
Max. Insertion Loss	dB	0.8	0.9
Min. Return Loss	dB	50	
Min. Extinction Ratio (for Splitter only)	dB	22	20
Min. Directivity	dB	50	
Max. Optical Power (CW)	mW	300	
Max. Tensile Load	N	5	
Fiber Type		PM 980 Panda Fiber on Port 1 and 2	
Operating Temperature	°C	-5 to + 70	
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

**PBC**-①①-②-③-④④④-⑤⑤⑤-⑥-⑦

**PBS**-①①-②-③-④④④-⑤⑤⑤-⑥-⑦

①①: Wavelength

06 - 1064nm

SS - Specify

②: Grade

P - Premium

A - A Grade

③: Port

1 - 1x2

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 Type on Port 3

1 - HI 1060 Fiber

2 - PM Panda Fiber, Slow Axis align 45°to Port 1

3 - PM Panda Fiber, Slow Axis align to Port 1

S - Specify

⑦: Fiber Length

0.8 - 0.8m

S - Specify