

1x2 1064nm Polarization Beam Combiner/Splitter

Features

High Extinction Ratio
 Low Insertion Loss
 High Return Loss

Applications

Fiber Lasers
 Raman Amplifier
 Sensors

Specifications

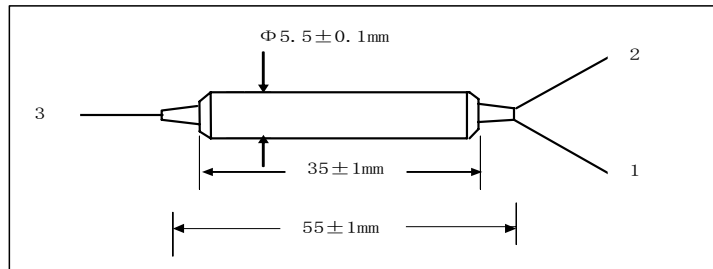
Parameter	Unit	Values	
		Grade P	Grade A
Center Wavelength	nm	1064	
Operating Wavelength Range	nm	±20	
Typ. Insertion Loss	dB	0.6	0.7
Max. Insertion Loss	dB	0.8	0.9
Min. Return Loss	dB	50	
Min. Extinction Ratio (for Splitter only)	dB	22	20
Min. Directivity	dB	50	
Max. Optical Power (CW)	mW	300	
Max. 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

APBC-①①-②-③③③-④④④-⑤-⑥

APBS-①①-②-③③③-④④④-⑤-⑥

①①: Wavelength

06 - 1064nm

SS - Specify

④④④: Fiber Jacket on Port 1, 2 & 3

B - 250um Bare Fiber

L - 900um Loose Tube

S - Specify

②: Grade

P - Premium

A - A Grade

⑤: 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

③③③: Connector Type on Port 1, 2 & 3

1 - FC/UPC

2 - FC/APC

3 - SC/UPC

4 - SC/APC

N - None

⑥: Fiber Length

0.8 - 0.8m

S - Specify