

## 1064nm Isolator Polarization Beam Splitter/Combiner (IPBS/IPBC)

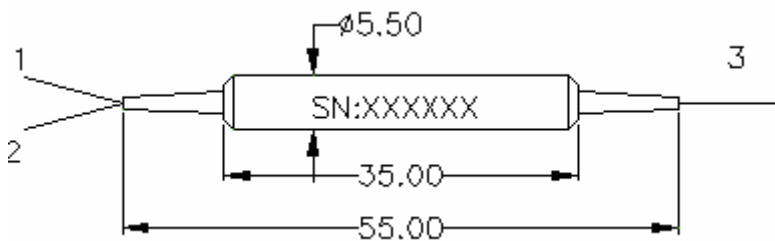
<b>Features</b>	
Low Insertion Loss High Extinction Ratio High Stability and Reliability	
<b>Application</b>	
Fiber Laser	

### Specifications

Parameter	Values	
Isolator Stage	Single Stage	
Center Wavelength (nm)	1064	
Operating Wavelength Range (nm)	±5	
Typ. Insertion Loss (dB)	1.8	
Insertion Loss (dB)	≤2.1	
Typ. Isolation (dB)	35	
Isolation @23°C (dB)	≥25	
Extinction Ratio (dB) (for Splitter only)	≥20	
Directivity (dB)	≥50	
Return Loss (dB)	≥50	
Power Handling (W)	300	
Fiber Type	Port 1 & 2	PM Panda Fiber
	Port 3	HI 1060 or PM Panda Fiber
Operating Temperature (°C)	-5 ~ +50	
Storage Temperature (°C)	-40 ~ +80	
Dimensions (mm)	φ5.5 × L35	

\*Above Specifications are for device without connectors, for devices with connectors. The PM fiber and the connector key are aligned to slow axis.

### Package Dimensions



### Ordering Information

IPBS IPBC	Port	Wavelength	Stage	Pigtail Type	Fiber Type For Port 3	Length	Connector
	1x2	1064	S=Single Stage	250=250um bare fiber 900=900um loose tube	2=HI1060 3= PM fiber,Slow axis align to Port 1 4=PM fiber, Slow axis align 45° to port 1	0.8= 0.8m 1=1m	NE=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UPC XX=Other