

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

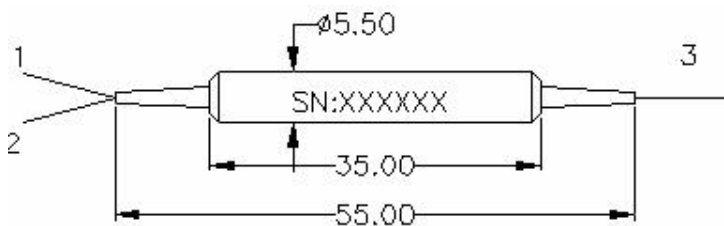
Features	
Low Insertion Loss High Extinction Ratio High Stability and Reliability	
Application	
Fiber Laser	

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