

Polarization Beam Splitter/Combiner (PBS/PBC, 850nm)

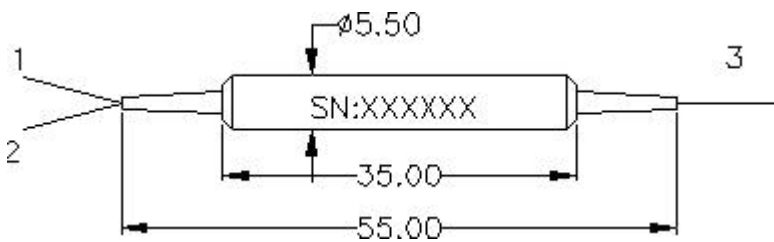
Features	
Low Insertion Loss High Extinction Ratio High Stability and Reliability	
Application	
Fiber Laser	

Specifications

Parameter	Type	Value
Wavelength (nm)		850
Operating Bandwidth (nm)		±20
Typ. Insertion Loss (dB)		1.0
Insertion Loss (dB)		≤1.2
Extinction Ratio (dB)(only for PBS)		≥20
Directivity (dB)		≥50
Return loss (dB)		≥50
Power handling (mW)		≤300
Fiber Type	Port 1 &2	Panda Fiber
	Port 3	HI1060 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

PBS/PBC	Port	Wavelength	Pigtail Type	Fiber Type For Port 3	Length	Connector
	1x2	850=850nm 980=980nm 1064=1064nm	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