


## Polarization Beam Splitter/Combiner (PBS/PBC)

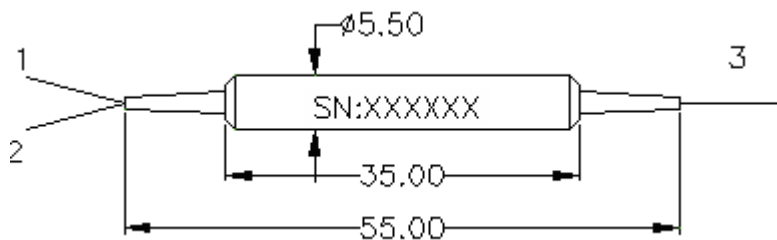
<b>Features</b>	
Low Insertion Loss High Extinction Ratio High Stability and Reliability	
<b>Application</b>	
EDFA & Raman Amplifier Fiber sensor Coherent Telecommunication Systems Polarization Mode Dispersion Compensator	

### Specifications

Type		1x2				
Parameter		1310, 1550	1064,	980	850	780
Wavelength (nm)		1310, 1550	1064,	980	850	780
Operating Bandwidth (nm)		±40	±20	±20	±20	±20
Insertion Loss (dB)		≤0.60	≤0.80	≤0.90	≤1.2	≤1.2
Extinction Ratio (dB)(only for PBS)		≥22	≥22	≥22	≥20	≥20
Directivity (dB)		≥50				
Return loss (dB)		≥50				
Power handling (mW, CW)		≤300				
Fiber Type	Port 1 & 2	Panda Fiber				
	Port 3	Panda Fiber or SM Fiber (SMF-28e, HI1060, HI780 Fiber)				
Operating temperature (°C)		-5~+70				
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	1310nm 1550nm 1064nm 980nm 850nm 780nm	0=250um bare fiber 1=900um loose tube	1=SM fiber 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