

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

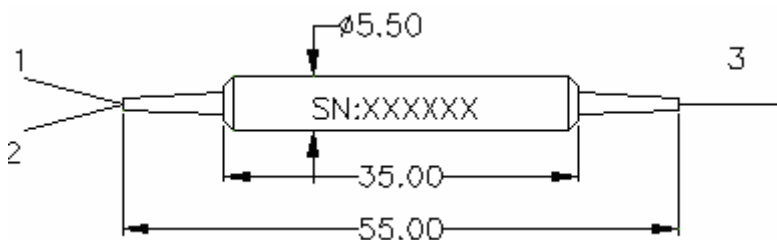
Features	
Low Insertion Loss High Extinction Ratio High Stability and Reliability	
Application	
EDFA & Raman Amplifier Fiber sensor Coherent Telecommunication Systems Polarization Mode Dispersion Compensator	

### Specifications

Parameter	P	A
Wavelength (nm)	1310, 1480, 1550	
Operating Bandwidth (nm)	±40	
Typ. Insertion Loss (dB)	0.40	0.50
Insertion Loss (dB)	≤0.60	≤0.70
Extinction Ratio (dB)(only for PBS)	≥22	≥20
Directivity (dB)	≥50	
Return loss (dB)	≥50	
Power handling (mW)	≤300	
Fiber Type	Port 1 & 2	Panda Fiber
	Port 3	SMF-28 or PM panda fiber
Fiber Length (m)	0.80	
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	Grade	Wavelength	Pigtail Type	Fiber Type For Port 3	Length	Connector
	1x2	P=P grade A=A grade	1310=1310 1480=1480 1550=1550	250=250um bare fiber 900=900um loose tube	1=SMF-28e 3=PM fiber, Slow axis align to Port 1 4=PM fiber, Slow axis align 45° to port 1	0.8m 0.8m 1=1m	NE=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UPC XX=Other