

Polarization Beam Splitter/Combiner (PBS/PBC)

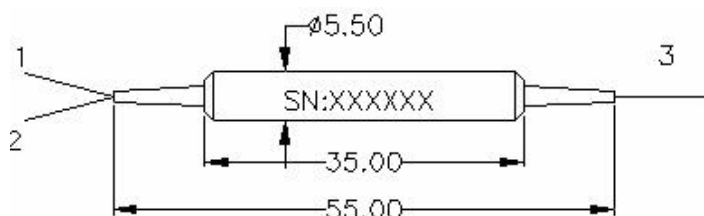
Features	
Low Insertion Loss High Extinction Ratio High Stability and Reliability	
Application	
EDFA & Raman Amplifier Fiber sensor Coherent Telecommunication Systems Polarization Mode Dispersion Compensator	

Specifications

Parameter	Type	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	0.8= 0.8m 1=1m	NE=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UPC XX=Other