


Polarization Beam Splitter/Combiner (PBS/PBC)

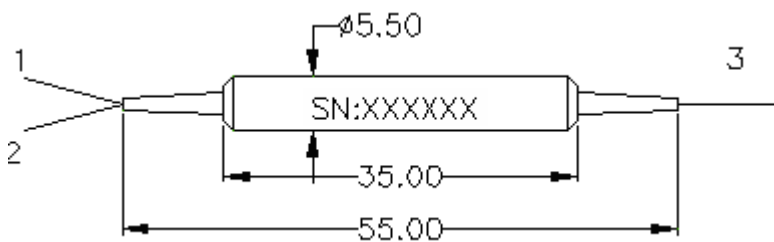
Features	
Low Insertion Loss High Extinction Ratio High Stability and Reliability	
Application	
EDFA & Raman Amplifier Fiber sensor Coherent Telecommunication Systems Polarization Mode Dispersion Compensator	

Specifications

Type		1x2				
Parameter						
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	0.8m 0.8m 1=1m	NE=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UPC XX=Other