


Polarization Beam Splitter / Combiner

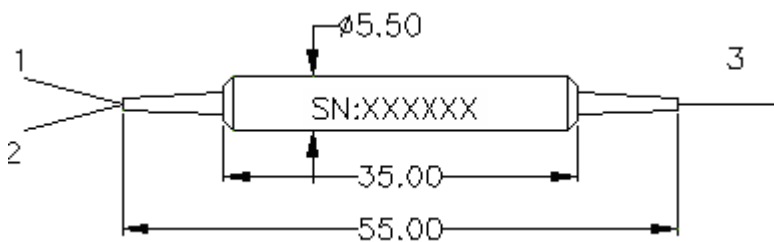
Features	
Low Insertion Loss High Extinction Ratio High Stability and Reliability	
Application	
EDFA & Raman Amplifier Fiber sensor Coherent Telecommunication Systems Polarization Mode Dispersion Compensator	

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