

980nm 偏振光束合成器/分离器(PBC/PBS)

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:

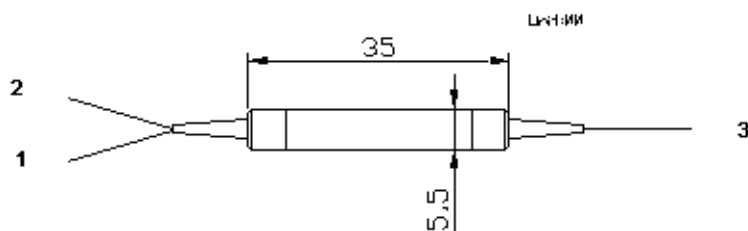
Parameter		Value
Wavelength (nm)		980
Operating Bandwidth (nm)		±20
Typ. Insertion Loss (dB)		≤0.9
Insertion Loss (dB)		≤1.1
Extinction Ratio (dB) (Only for PBS)		≥20
Directivity (dB)		≥50
Return Loss (dB)		≥50
Power Handling (mW)		≤300
Fiber Type	Port 1 & 2	980 Panda Fiber
	Port 3	HI1060 fiber or 980nm PM Panda Fiber
Ports Marking color(only for 250um bare fiber)		Port2 :Black ,Other ports :Clear
Ports Marking color(only for devices with 900um loose tube)		900um Red loose tube for all ports; marking:port2:black.
Operating Temperature (°C)		-5 ~ +70
Storage Temperature (°C)		-40 ~ +80
Dimensions (mm)		φ5.5 × L35(P1)

*Above specifications are for device without connector.

*For devices with connector,IL will be 0.3dB higher,ER will be 2dB lower and RL will be 5dB lower.

*The PM fiber and the connector key are aligned to the slow axis.

Package Dimensions



Ordering Information

PBS PBC	Wavelength	Grade	Fiber Type for Port 3	Pigtail Type	Length	Connector
	980=980nm	P=P grade A=A grade	1=SMF-28e 2=HI1060 fiber 3=PM Fiber, Slow Axis Align to Port 1 4=PM Fiber, Slow Axis Align 45° to Port 1	1=250um bare fiber 2=900um loose tube	H=0.5m 8=0.8m 1=1.0m 5=1.5m	0=None 1=FC/UPC 2=FC/APC 3=SC/APC 4=SC/UPC 5=LC/UPC 6=LC/APC