



980nm Polarization Beam Combiner/Splitter



Features

- Low Insertion Loss
- High Extinction Ratio
- Compact In-Line Package
- High Stability and Reliability
- Epoxy Free Optical Path

Applications

- High Power EDFA
- Raman Amplifier
- Laboratory

Performance Specifications

Parameter	P Grade	A Grade
Center Wavelength (nm)	980	
Operating Wavelength Range(nm)	±30	
Typical Insertion Loss(dB)	1.0	1.2
Max. Insertion Loss(dB)	1.5	1.8
Min. Extinction Ratio(for splitter only) (dB)	16	15
Direction of Incident Polarization	Slow Axis	
Min. Return Loss (dB)	50	
Max. Optical Power (mW)	500	
Fiber Type	PM on port1 and 2, HI 1060 or PM on port3	
Max. Tensile Load (N)	5	
Operating Temperature (°C)	-5 ~ +70	
Storage Temperature (°C)	-40 ~ +85	
Dimensions (mm)	Φ5.5 x L35 (L40 for 900um loose tube)	

1. The PM fiber and the connector key are aligned to the slow axis.
2. The ER is for fiber ≤ 0.75 meter. Increase fiber length can decrease the ER.
3. For devices with connectors, insertion loss will be 0.3dB higher, return loss will be 5dB lower, and extinction loss will be 2dB lower.



Ordering Information

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PB	Configuration	Wavelength	Grade	PM Fiber Option	Pigtail Style	Fiber Length	In/Out Connector
	S=Splitter C=Combiner	98=980nm	P=P Grade A=A Grade	1=Port1, Port2 Panda PM Port3 HI 1060 2=All Panda PM	1= Bare Fiber 2=900um Jacket	1=0.75m S=Specify	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC

Dimensions

