

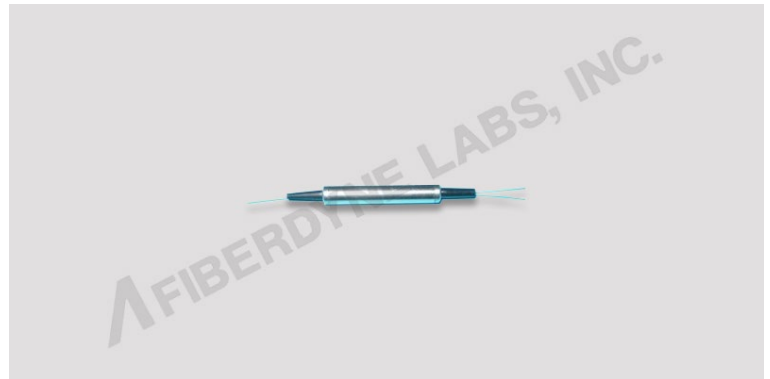
Features:

- Low Insertion Loss
- High Extinction Ratio
- High Stability and Reliability

Applications:

- EDFA & Raman Amplifier
- Fiber Sensor
- Coherent Telecommunication Systems
- Polarization Mode Dispersion Compensator

Specifications:



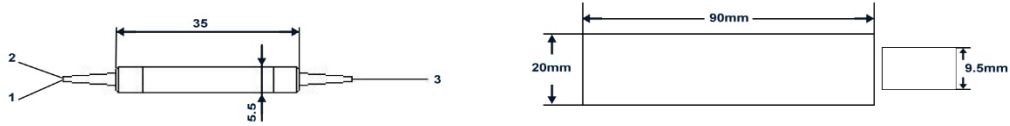
Parameters		P	A	P	A
Wavelength (nm)		1310, 1480, 1550		980, 1030, 1064	
Operating Bandwidth (nm)		±40		±20	
Typ. Insertion Loss (dB)		0.40	0.50	0.60	0.70
Insertion Loss (dB)		≤0.60	≤0.70	≤0.80	≤0.90
Extinction Ratio (dB) (Only for PBS)		≥22	≥20	≥22	≥20
Directivity (dB)		≥50			
Return Loss (dB)		≥50			
Power Handling (mW)		≤300			
Fiber Type	Port 1 & 2	PM 1310 & PM1550		PM980	
	Port 3	SMF-28e or PM1310 & PM1550		HI 1060 or PM 980	
Ports Marking color (Only for 250um bare fiber)		Port 1: Black, Other ports: clear			
Ports Marking color (Only for devices with 900um loose tube)		Port 1: Black, Other port: white			
Operating Temperature (°C)		-5 ~ +70			
Storage Temperature (°C)		-40 ~ +80			
Dimensions (mm)		*5.5 x L35 (1) Only for bare fiber or 900um loose tube			
		L90*W20*h9.5 (ABS) (H) (Only for 3mm or 2mm cable)			

* 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

FPBS FPBC	-	Wavelength	Grade	Fiber Type for Port 3	Package Type	Pigtail Type	Length	Connector
FPBS Or FPBC		0980=980nm 1030=1030nm 1064=1064nm 1310=1310nm 1480=1480nm 1550=1550nm	P = P Grade A = A Grade	1 = SMF-28e 2 = HI 1060 3 =PM Fiber, Slow Axis Align to Port 1 4 =PM Fiber, Slow Axis Align to 45° to Port 1 5 =Three port SMF-28e	1 = Steel Tube H = Heavy Duty	1 = 250um bare fiber 9 = 900um Loose Tube 2 = 2mm Loose Tube 3 = 3mm Loose Tube	0=0.5m 1=1.0m X=Custom	0=None 6=SC/UPC 7=FC/UPC A=FC/APC B=SC/APC L=LC/UPC N=LC/APC

FPBS= Fiberdyne Polarization Beam Splitter

FPBC= Fiberdyne Polarization Beam Combiner