



Polarization Beam Splitter



■ Feature:

- High Extinction Ratio
- Low Insertion Loss
- High Return Loss

■ Application:

- PM Components
- Fiber Sensors
- Free Space Communications
- Research

■ Performance Specifications:

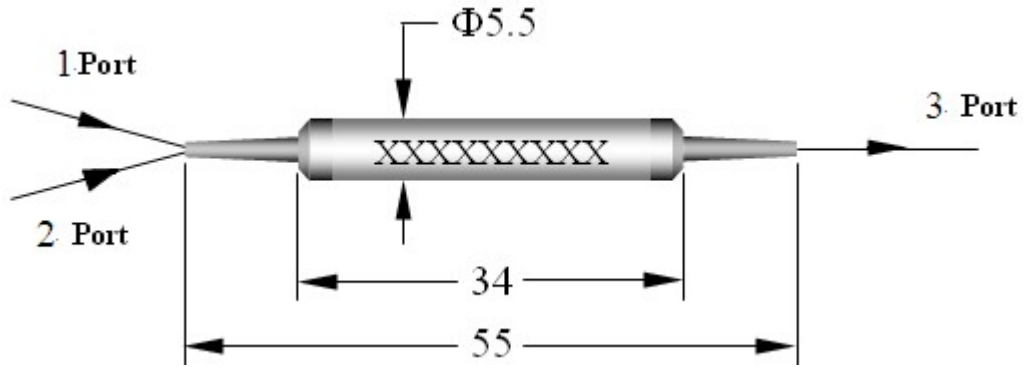
Parameters	Unit	Values	
		P Grade	A Grade
Center Wavelength	nm	1310 1480 or 1550	
Operating Wavelength Range	nm	±40	
Typ. Insertion Loss	dB	0.4	0.5
Max. Insertion Loss	dB	0.6	0.7
Typ. Extinction Ratio	dB	22	20
Min. Extinction Ratio	dB	20	18
Min. Return loss	dB	50	
Direction of Incident Polarization	dB	Slow Axis	
Tensile Load	N	5	
Max. Optical Power (CW)	mW	500	
Fiber Type	/	PM on port 1 and 2 ,SM or PM on port3	
Operating Temperature	°C	-5 to +70	
Storage Temperature	°C	-40 to +85	
Packing Dimensions	mm	ø5.5xL34	

*Above specifications are for device without connector.

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

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

■ **Package Dimensions:**



■ **Ordering Information:**

PBS

Wavelength	Grade	Fiber Type	Fiber Length
31=1310	P=P Grade	1=bare fiber	075=0.75Meter
55=1550	A=A Grade	2=900um	100=1 Meter
SS=Specify		Loose tube	