

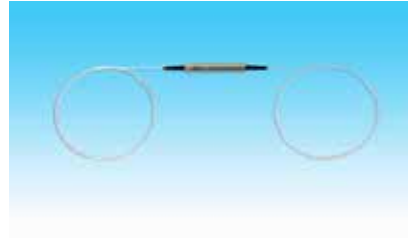
Polarization Beam Combiner/Splitter (PBC/PBS)

1. Description:

The Polarization Maintaining Micro Optics Components are characterized with low IL, high return loss, high extinction ratio and excellent environmental stability and reliability. They are ideal for polarization maintaining fiber amplifiers, fiber lasers, high speed communication system and instrumentation applications.

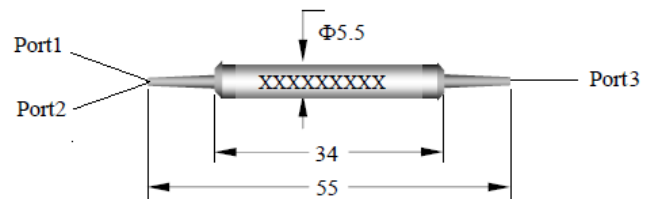
2. Features:

- * High isolation
- * Low insertion loss
- * Excellent stability and reliability
- * High power handling



3. Applications:

- * Fiber laser
- * Fiber amplifier
- * Sensor
- * Communications



4. Specifications:

Parameter \ Type	1064	1315
Operating Wavelength	1064	1310 1480 or 1550
Bandwidth (nm)	±20	±40
Typ. Insertion Loss(dB)@23	≤0.8	≤0.6
Extinction Ratio (dB)	≥22(for PBS)	
Return Loss (dB)	≥50	
Fiber Type	Port 1& Port 2:PM Fiber Port 3:PM fiber or normal SM fiber	
Dimension (mm)	Φ5.5×L34	
Operating temperature ()	-5~+70	
Storage temperature ()	-40~+85	

* IL is 0.3dB (1310~1550nm) or 0.5dB (1064nm) higher, RL is 5dB lower and ER is 2dB lower for each connector added. The default connector key is aligned to slow axis.

5. Product Ordering Information:

PBC(S)-XXX-XXX-X-X-XX/XXX-XX*XX

