Fiber Polarization Beam Splitter
(300nm – 2500nm)

Fiber polarization beam splitter (**OEPBS-2000**) is used to convert unpolarized light into linearly polarized light. It has one input of single mode fiber and two outputs with polarization maintaining fiber. The polarizer has good performance including low insertion loss, high extinction ratio, and high return loss. Moreover, the advanced package technique ensures excellent environmental stability. It can be connected conveniently into the optical system by pigtailed input/output connectors.

Features of our polarization beam splitter :

- Low insertion loss
- High extinction ratio
- High return loss
- Compactness and light weight
- High stability and reliability

Applications for our polarization beam splitter:

- Optical detector
- Optical components
- Optical testing sets
- Optical signal processing
- Optical fiber sensing

Specifications of OEPBS-2000

Operating Center Wavelength	300nm - 2500nm
Insertion Loss	~ 1dB
Extinction Ratio	>= 15dB
Return Loss	>= 20dB
Band Width	> 30nm
Pigtail length	1m
Size (body only)	45x34x22mm (L x W x H)
Operating Temperature	-10℃ ~ +60℃
Storage Temperature	-20℃ ~ +80℃

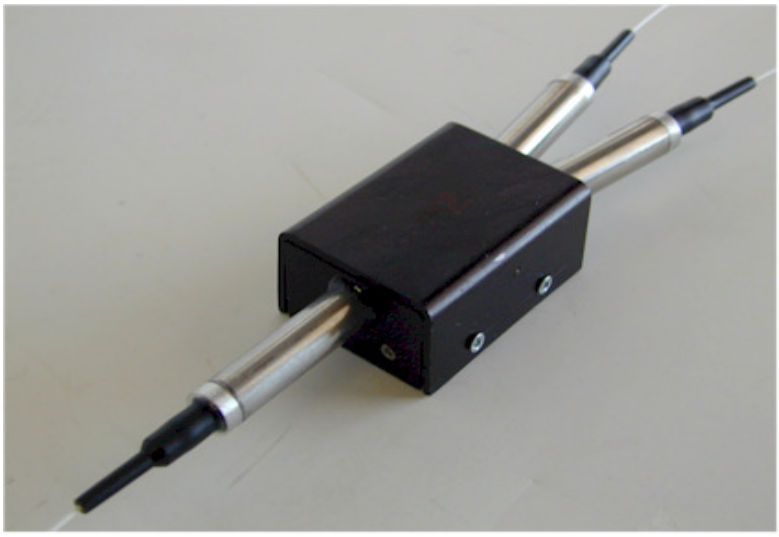

Figure 1. 2um Fiber Polarization Beam Splitter