

Optical Fiber Polarization Splitter (300nm – 3000nm)

Low cost optical fiber polarization splitter with model number **OEOPS-100** is used to convert unpolarized light into two linearly polarized light. It has one input of single mode fiber and two outputs with polarization maintaining fiber. The polarization splitter 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 optical fiber polarization splitter (OEOPS-100):

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

Applications for optical fiber polarization splitter (OEOPS-100):

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

Specifications

Operating Wavelength	300nm - 3000nm
Insertion Loss	~ 1dB
Extinction Ratio	>= 20dB
Return Loss	>= 20dB
Pass Band	> 40nm
Input fiber type	SM
Output fiber type	PM
Pigtail length	1m
Dimension	20x80x15(mm) WxLxH
Operating Temperature	-20 °C ~ +60 °C

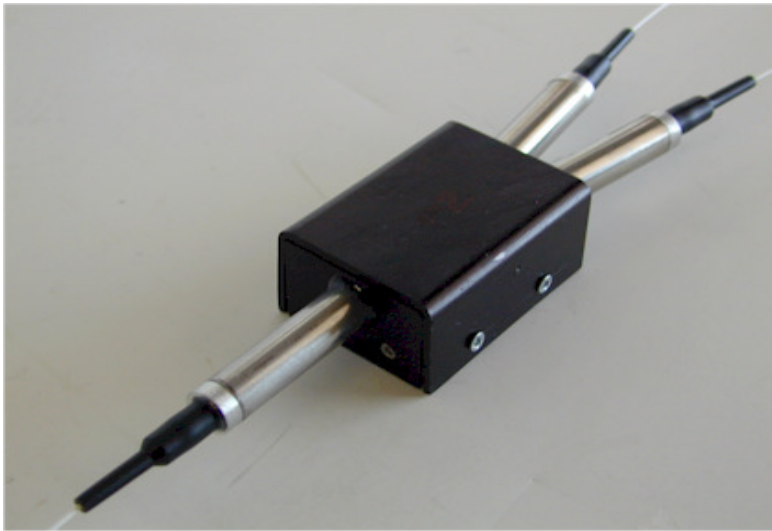


Figure 1. Optical Fiber Polarization Splitter