O/E LAND INC.
7639 Cordner
Lasalle, QC, Canada, H8N 2X2
Tel:1-514-334-4588
Fax:1-514-334-0216
www.o-eland.com

[OEPAS-OPS-100]

Optical Fiber Polarization Splitter

Features:

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

Applications:

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

Product description:

Low cost optical fiber polarization splitter with model number **OEPAS-OPS-100** is used to convert unpolorized 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.

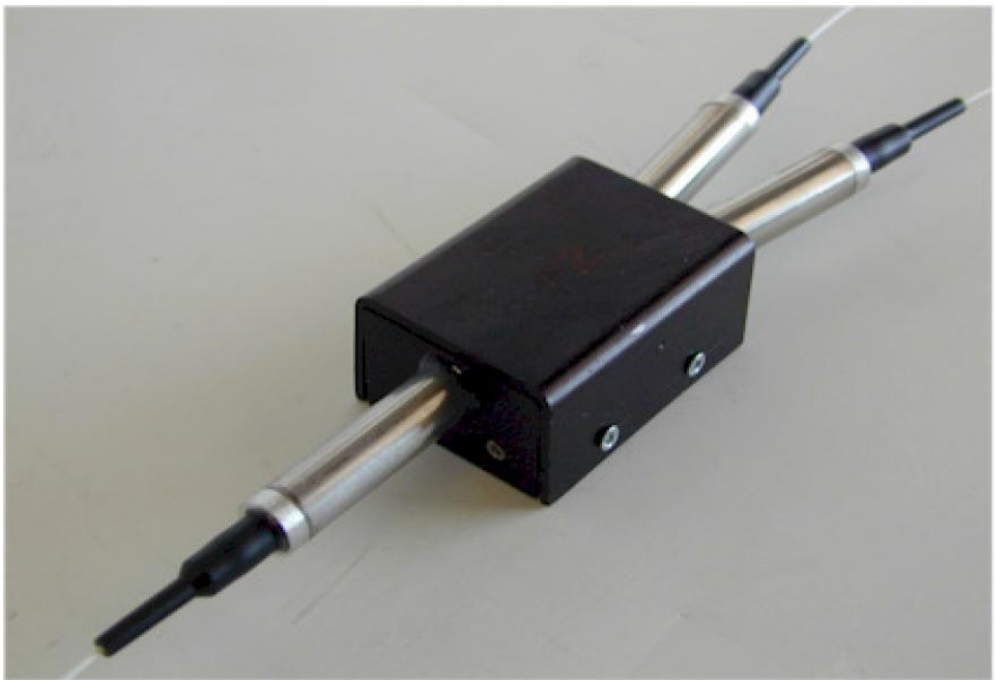

Fig1. Optical fiber Polarization Splitter

7639 Cordner
Lasalle, QC, Canada, H8N 2X2
Tel:1-514-334-4588
Fax:1-514-334-0216
www.o-eland.com

Product specifications:

Parameters	Unit	OEPAS-OPS-100
Operating Wavelength	nm	300nm - 3000
Insertion Loss	dB	~ 1
Extinction Ratio	dB	>= 20
Return Loss	dB	>= 20
Pass Band	dB	> 40
Input fiber type		SM
Output fiber type	dB	PM
Pigtail length	dB	1m
Dimension	℃	20x80x15(mm) WxLxH
Operating temperature	W	-20°C ~ +60°C

** Some limitations apply.*
***Tuning range can significantly vary depending on FBG specifications.*
**** Recommended values. The ambient environment temperature can limit the performance, incl. the tuning range.*