O/E LAND INC.
7639 Cordner
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[OEPAS-OFD-100]

Optical Fiber Depolarizer

Features:

- Low insertion loss
- High return loss
- Low polarization dependent loss
- High depolarization
- Low cost

Applications:

- Raman fiber amplifier
- Optical signal modulator
- Fiber Sensor
- Biomedical
- Instrumentation

Product description:

Optical fiber depolarizer is low cost optical passive component which can transform the input polarized or partial polarized light into non-polarization light (depolarization), it is designed according to Lyot depolarizer's principle. Its operation wavelength can be customized; it is metallic packaged with reliable quality. Model number: OEPAS-OFD-100.

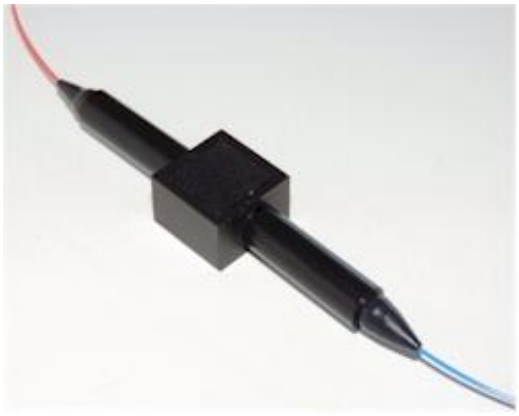

Fig1. Fiber depolarizer

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Product specifications:

Parameters	Unit	OEPAS-OFD-100
Optimized wavelength range	nm	300 - 2000
Working Bandwidth	dB	50 - 100
Insertion Loss	dB	< 1.40
Residual Extinction Ratio	dB	< 0.4
WDL	dB	< 0.2
Return Loss	dB	>= 50
Input Fiber Type	dB	PM
Output Fiber Type	dB	SM
Dimension	°C	20x80x15(WXLXH)
Operation Temperature	W	0 ~ +60
Storage Temperature	K ohm	-40 ~ + 85

** 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.*