

Optical Fiber Depolarizer

(wavelength: 300nm - 3000nm)

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: OEOFD-100.

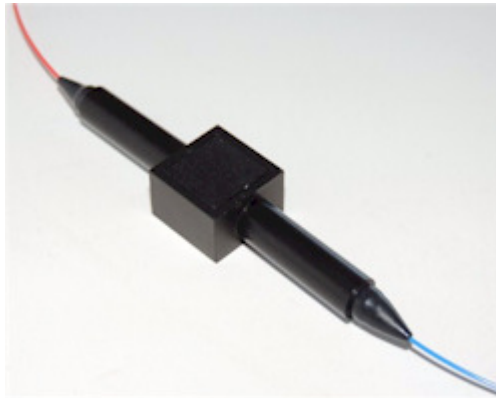


Figure 1. fiber depolarizer

Features of our depolarizer

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

Applications for our polarizer

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

Specifications of OE OFD-100

Parameter	Unit	Value
Operation Wavelength Range	nm	300 - 2000
Working Bandwidth	nm	50 - 100
Insertion Loss	dB	< 1.40
Residual Extinction Ratio	dB	< 0.4
WDL	dB	< 0.2
Return Loss	dB	>= 50
Input Fiber Type		PM
Output Fiber Type		SM
Dimension	mm	20x80x15(WXLXH)
Operation Temperature	°C	0 ~ +60
Storage Temperature	°C	-40 ~ + 85