



Introduction

Rayzer's **Fiber Optic Gas Probe** is a chamber detection unit, which is mainly used to detect different gas parameters. By analyzing the power change of coupling light, the required gas parameters can be calculated.

Specification

Parameters	Unit	Values	
wavelength range	nm	1550±15	1650±15 or Customized
Insertion loss	dB	≤0.6	
Polarization dependent loss@Room Temp.	dB	≤0.05	
Return Loss	dB	≥55	
Fiber Type	Corning ZBL	Specified	
Working distance	mm	≤30±1 or Customized	
Operating temperature	°C	-45+70	
Storage temperature	°C	-55+85	
Maximum power	mW	≤500	
Package Dimension	mW	Customized	

*IL is 0.3 dB higher, RL is 5 dB lower, and ER is 2 dB lower for each connector added. Connector key is aligned to slow axis.

*Above specifications are for device without connector and may change without notice.

If you have any specific requirement, please do not hesitate!

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